

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112622\
 Data File : BN022891.D
 Acq On : 26 Nov 2022 21:08
 Operator : CG/JU
 Sample : PB149029BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS029

Quant Time: Nov 28 03:49:36 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN112622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 28 03:16:56 2022
 Response via : Initial Calibration

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

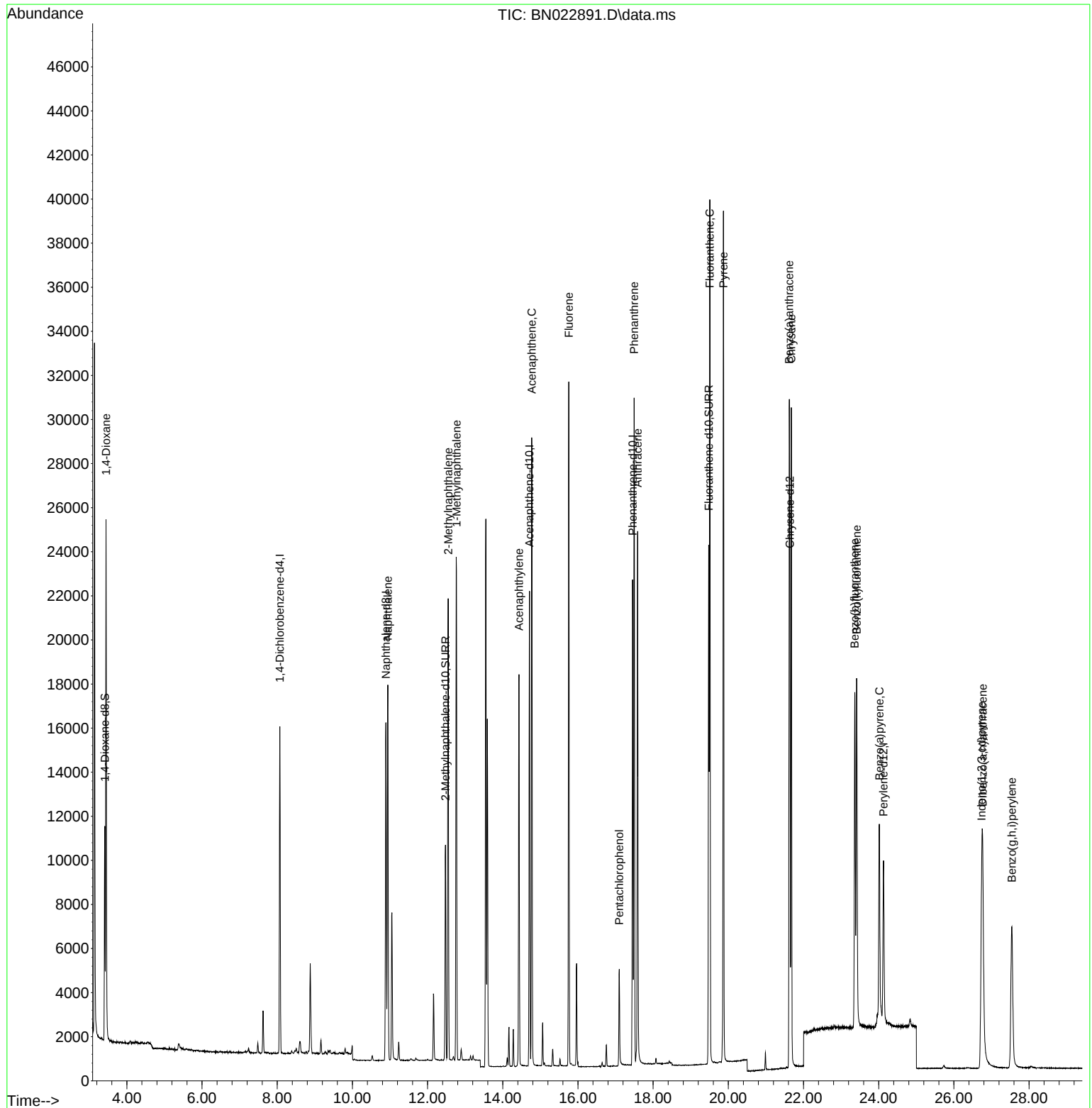
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.069	152	7182	0.400	ng/u1	0.00
4) Naphthalene-d8	10.892	136	20042	0.400	ng/u1	0.00
9) Acenaphthene-d10	14.710	164	11275	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.453	188	24490	0.400	ng/u1	0.00
17) Chrysene-d12	21.639	240	16134	0.400	ng/u1	0.00
23) Perylene-d12	24.127	264	10893	0.400	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.412	96	5945	0.690	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.476	152	12159	0.398	ng/u1	0.00
18) Fluoranthene-d10	19.480	212	24536	0.412	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.445	88	15415	1.715	ng/u1	92
5) Naphthalene	10.942	128	22468	0.369	ng/u1	100
7) 2-Methylnaphthalene	12.547	142	14241	0.375	ng/u1	100
8) 1-Methylnaphthalene	12.767	142	15158	0.392	ng/u1	99
10) Acenaphthylene	14.432	152	19767	0.356	ng/u1	99
11) Acenaphthene	14.770	153	15871	0.361	ng/u1	99
12) Fluorene	15.755	166	18025	0.362	ng/u1	100
14) Pentachlorophenol	17.099	266	2987	0.583	ng/u1#	100
15) Phenanthrene	17.496	178	30499	0.363	ng/u1	100
16) Anthracene	17.588	178	26370	0.366	ng/u1	99
19) Fluoranthene	19.508	202	31895	0.383	ng/u1	100
20) Pyrene	19.871	202	31536	0.386	ng/u1	100
21) Benzo(a)anthracene	21.622	228	23666	0.384	ng/u1	99
22) Chrysene	21.674	228	25915	0.383	ng/u1	99
24) Benzo(b)fluoranthene	23.364	252	20971	0.380	ng/u1	99
25) Benzo(k)fluoranthene	23.413	252	22495	0.386	ng/u1	99
26) Benzo(a)pyrene	24.016	252	15879	0.378	ng/u1	99
27) Indeno(1,2,3-cd)pyrene	26.738	276	18253	0.365	ng/u1#	100
28) Dibenzo(a,h)anthracene	26.768	278	14708	0.371	ng/u1	100
29) Benzo(g,h,i)perylene	27.543	276	15844	0.364	ng/u1	99

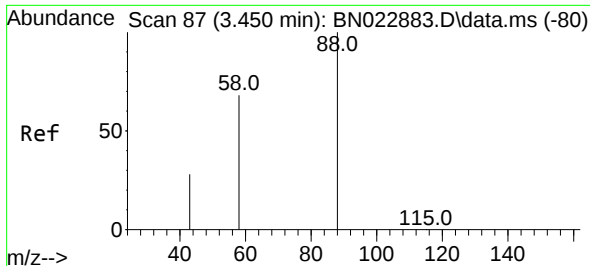
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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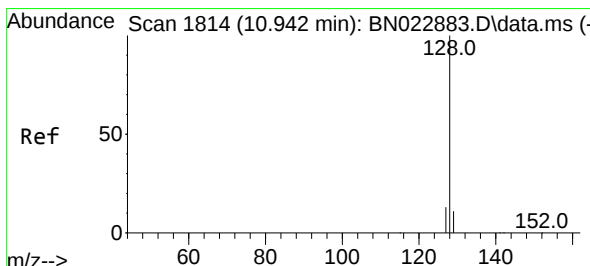
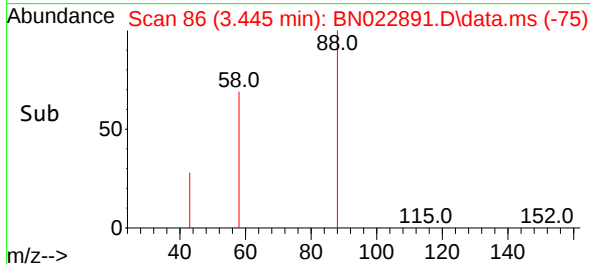
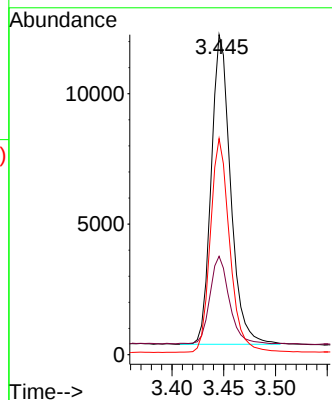
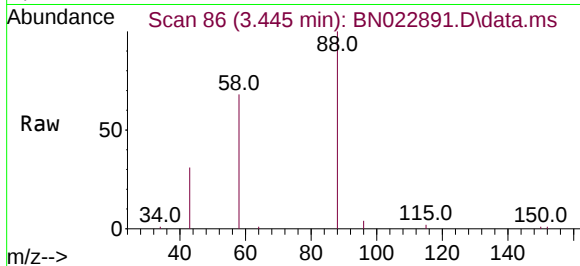




#2
 1,4-Dioxane
 Concen: 1.715 ng/ul
 RT: 3.445 min Scan# 80
 Delta R.T. -0.004 min
 Lab File: BN022891.D
 Acq: 26 Nov 2022 21:08

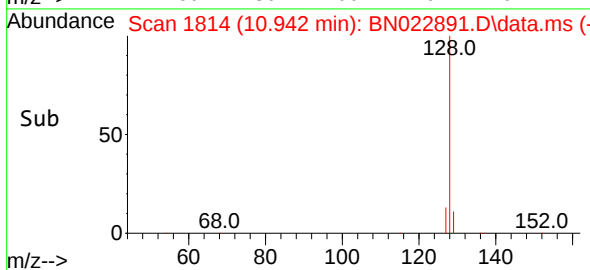
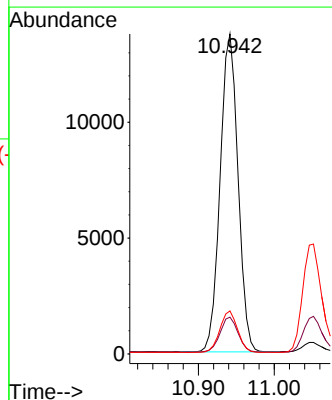
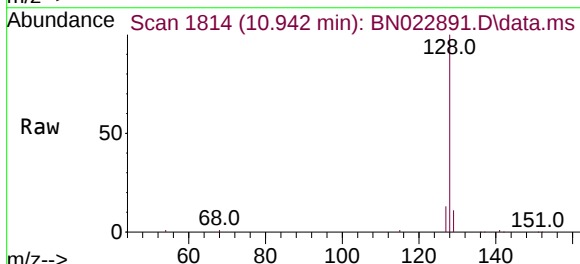
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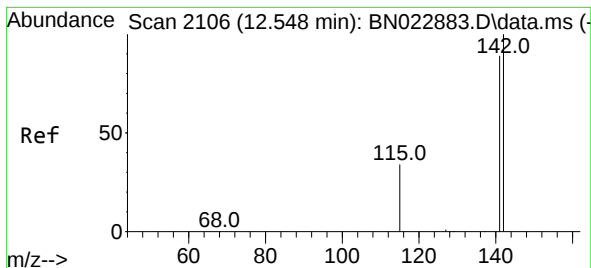
Tgt Ion: 88 Resp: 15415
 Ion Ratio Lower Upper
 88 100
 43 30.7 26.2 39.4
 58 67.5 47.6 71.4



#5
 Naphthalene
 Concen: 0.369 ng/ul
 RT: 10.942 min Scan# 1814
 Delta R.T. -0.000 min
 Lab File: BN022891.D
 Acq: 26 Nov 2022 21:08

Tgt Ion: 128 Resp: 22468
 Ion Ratio Lower Upper
 128 100
 129 11.5 9.0 13.6
 127 13.4 10.6 16.0

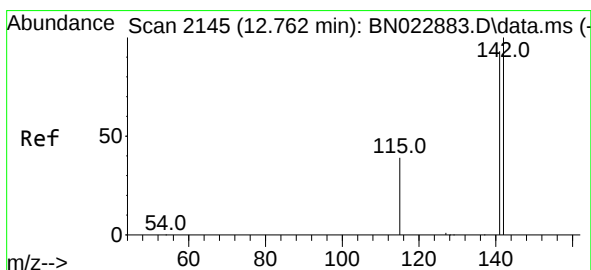
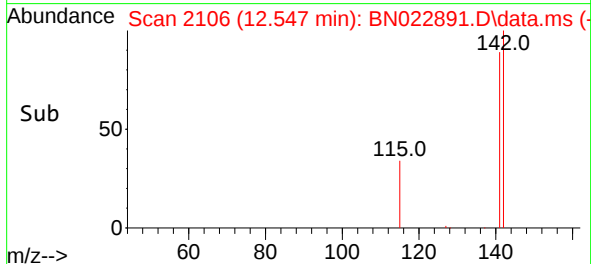
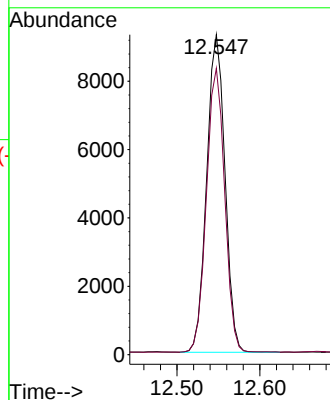
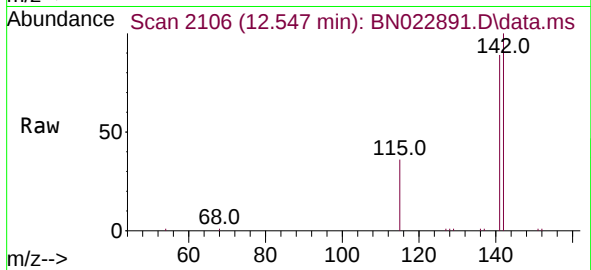




#7
2-Methylnaphthalene
Concen: 0.375 ng/ul
RT: 12.547 min Scan# 2106
Delta R.T. -0.000 min
Lab File: BN022891.D
Acq: 26 Nov 2022 21:08

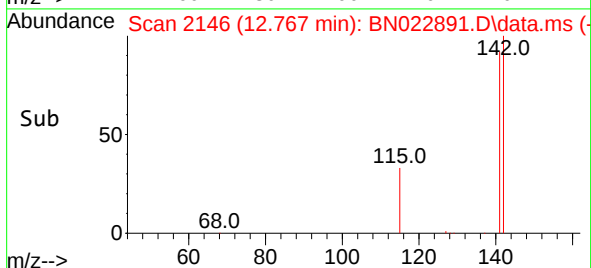
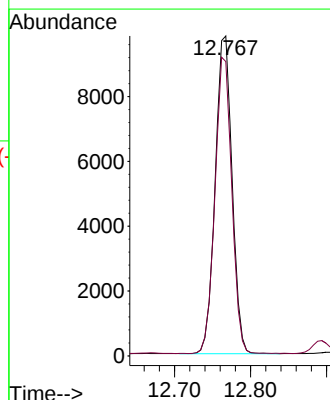
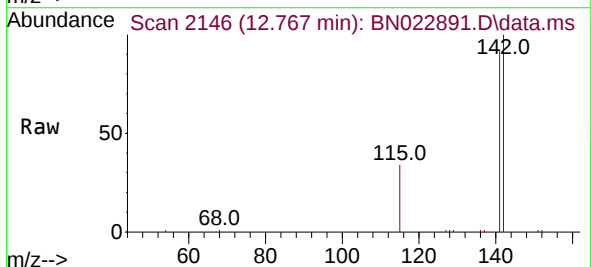
Instrument :
BNA_N
ClientSampleId :
SLCS029

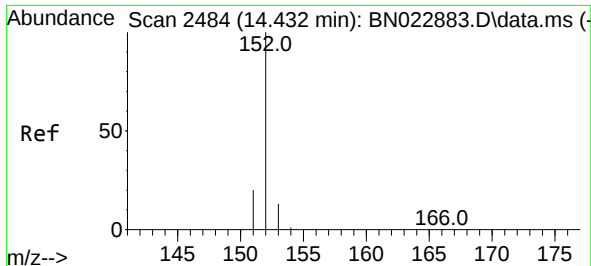
Tgt Ion:142 Resp: 14241
Ion Ratio Lower Upper
142 100
141 89.1 71.6 107.4



#8
1-Methylnaphthalene
Concen: 0.392 ng/ul
RT: 12.767 min Scan# 2146
Delta R.T. -0.000 min
Lab File: BN022891.D
Acq: 26 Nov 2022 21:08

Tgt Ion:142 Resp: 15158
Ion Ratio Lower Upper
142 100
141 93.2 73.8 110.6

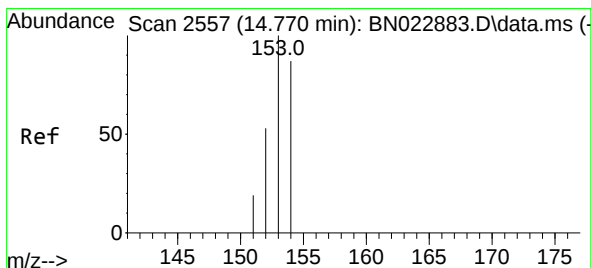
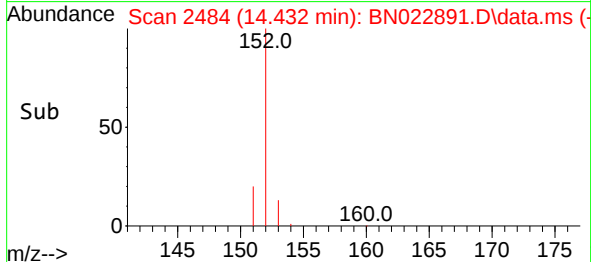
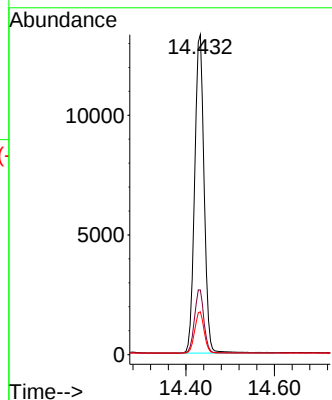
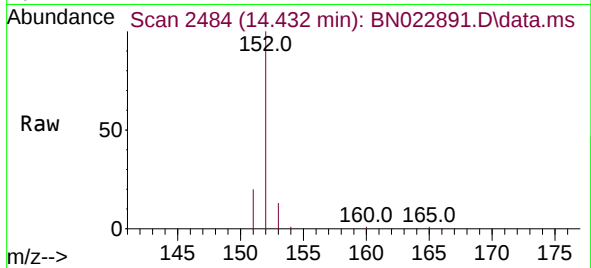




#10
Acenaphthylene
Concen: 0.356 ng/ul
RT: 14.432 min Scan# 2484
Delta R.T. -0.000 min
Lab File: BN022891.D
Acq: 26 Nov 2022 21:08

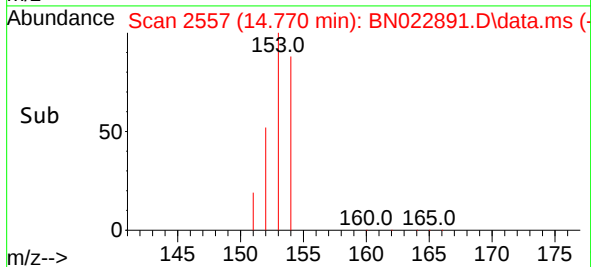
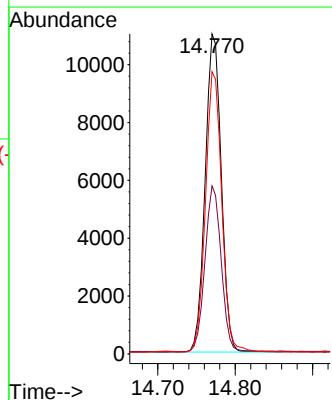
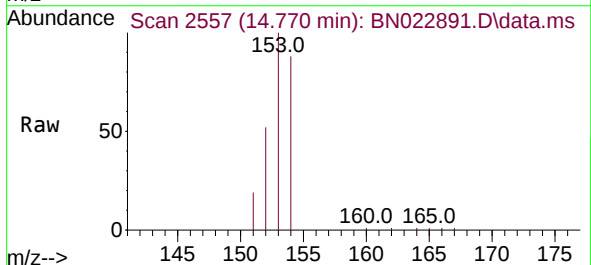
Instrument :
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ClientSampleId :
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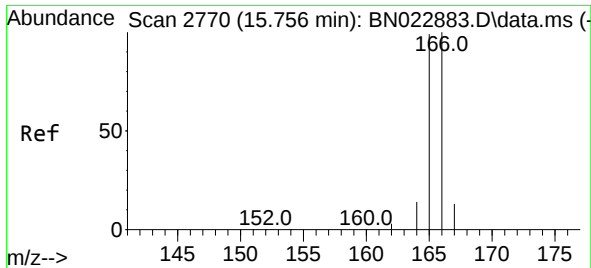
Tgt Ion:152 Resp: 19767
Ion Ratio Lower Upper
152 100
151 20.2 16.0 24.0
153 13.4 10.5 15.7



#11
Acenaphthene
Concen: 0.361 ng/ul
RT: 14.770 min Scan# 2557
Delta R.T. -0.005 min
Lab File: BN022891.D
Acq: 26 Nov 2022 21:08

Tgt Ion:153 Resp: 15871
Ion Ratio Lower Upper
153 100
152 52.5 41.8 62.8
154 88.2 71.3 106.9

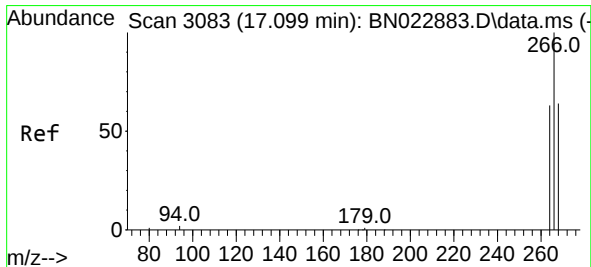
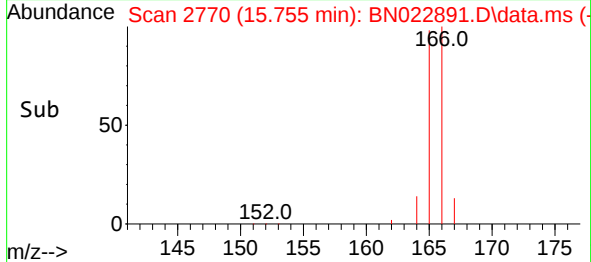
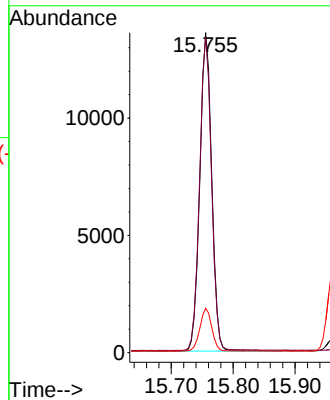
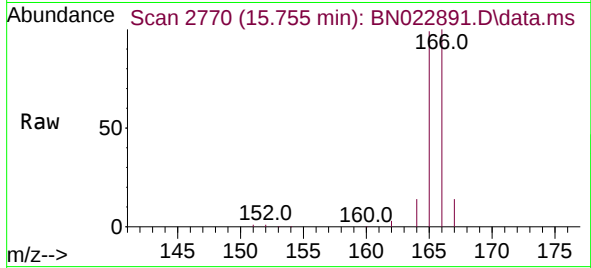




#12
 Fluorene
 Concen: 0.362 ng/ul
 RT: 15.755 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN022891.D
 Acq: 26 Nov 2022 21:08

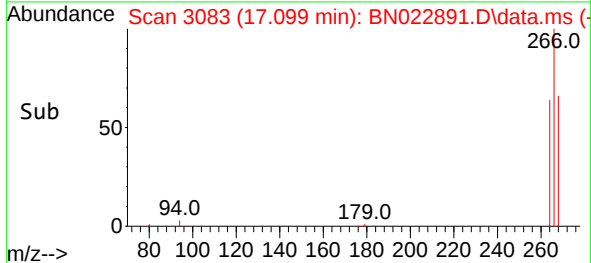
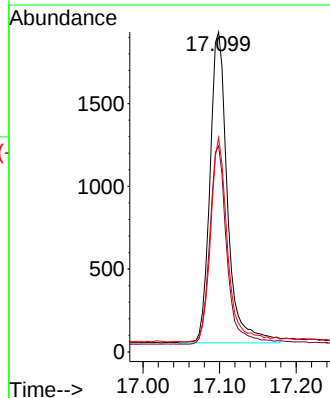
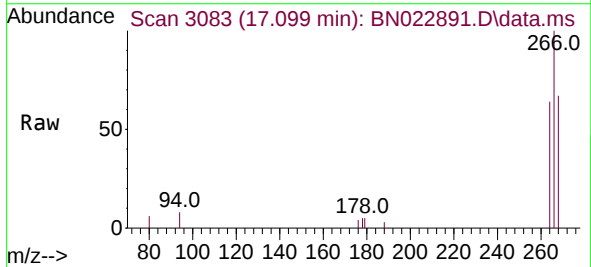
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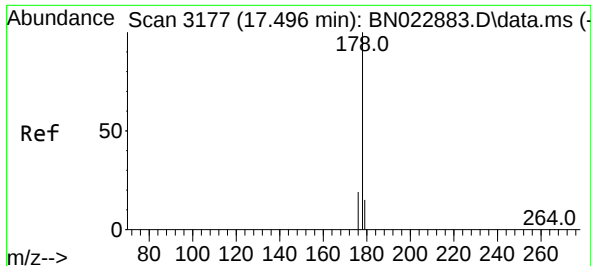
Tgt Ion:166 Resp: 18025
 Ion Ratio Lower Upper
 166 100
 165 98.6 78.7 118.1
 167 13.8 10.8 16.2



#14
 Pentachlorophenol
 Concen: 0.583 ng/ul
 RT: 17.099 min Scan# 3083
 Delta R.T. -0.000 min
 Lab File: BN022891.D
 Acq: 26 Nov 2022 21:08

Tgt Ion:266 Resp: 2987
 Ion Ratio Lower Upper
 266 100
 264 62.8 0.0 0.0#
 268 64.1 0.0 0.0#

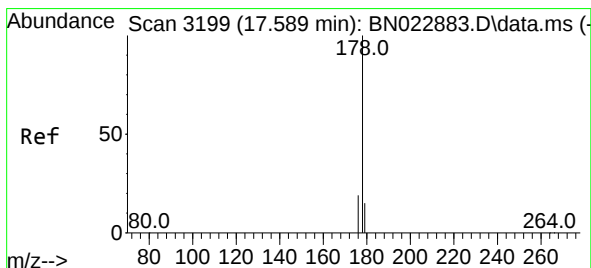
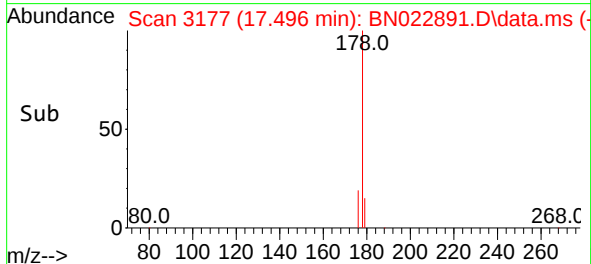
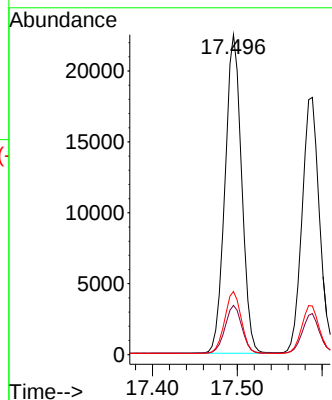
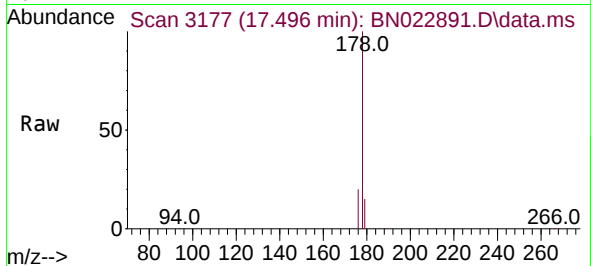




#15
Phenanthrene
Concen: 0.363 ng/ul
RT: 17.496 min Scan# 3177
Delta R.T. -0.000 min
Lab File: BN022891.D
Acq: 26 Nov 2022 21:08

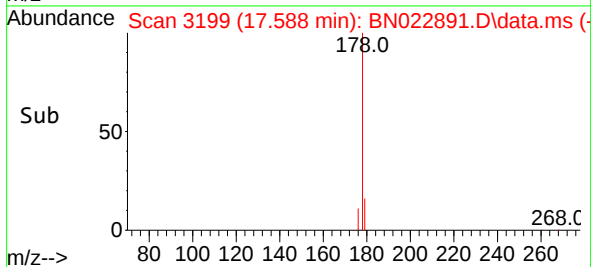
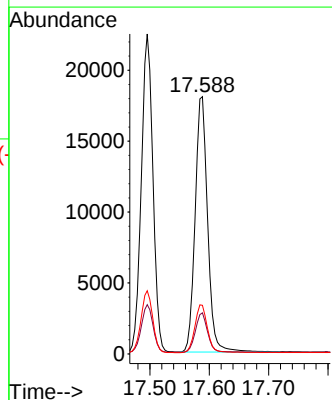
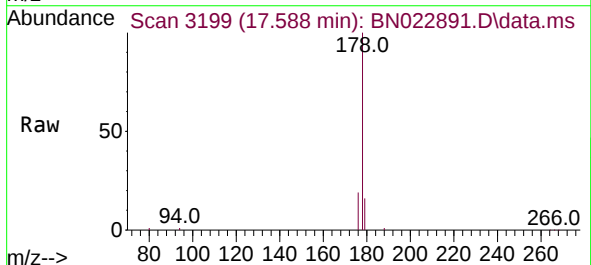
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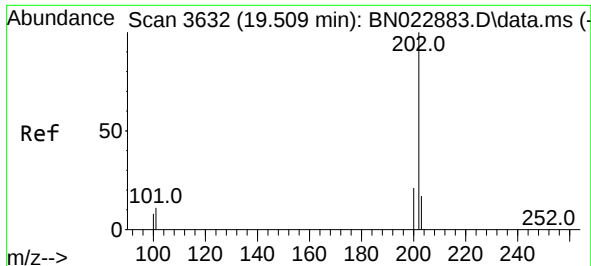
Tgt Ion:178 Resp: 30499
Ion Ratio Lower Upper
178 100
179 15.4 12.5 18.7
176 19.7 15.9 23.9



#16
Anthracene
Concen: 0.366 ng/ul
RT: 17.588 min Scan# 3199
Delta R.T. -0.000 min
Lab File: BN022891.D
Acq: 26 Nov 2022 21:08

Tgt Ion:178 Resp: 26370
Ion Ratio Lower Upper
178 100
179 15.9 12.6 18.8
176 18.9 15.3 22.9

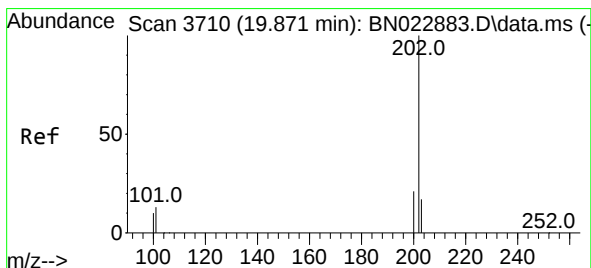
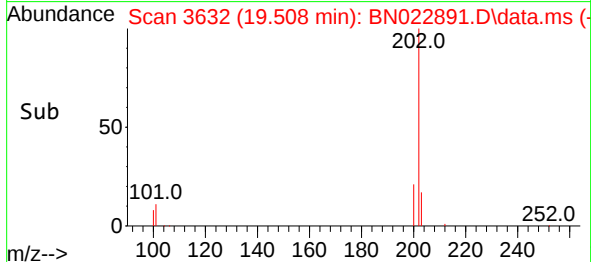
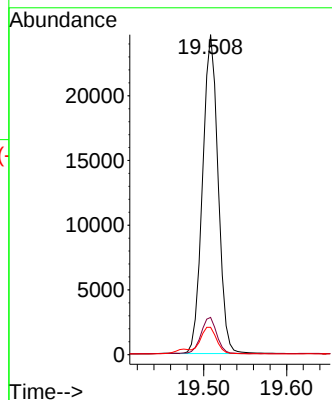
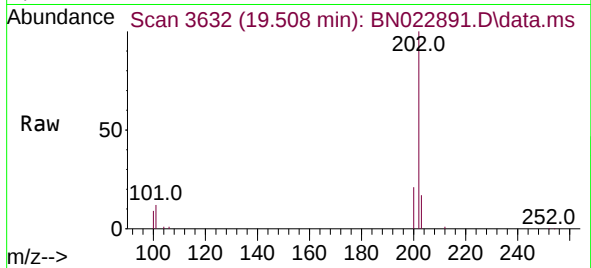




#19
Fluoranthene
Concen: 0.383 ng/ul
RT: 19.508 min Scan# 3632
Delta R.T. -0.000 min
Lab File: BN022891.D
Acq: 26 Nov 2022 21:08

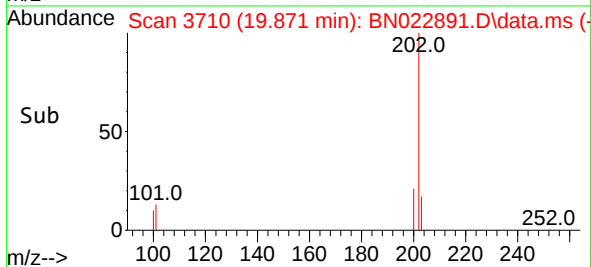
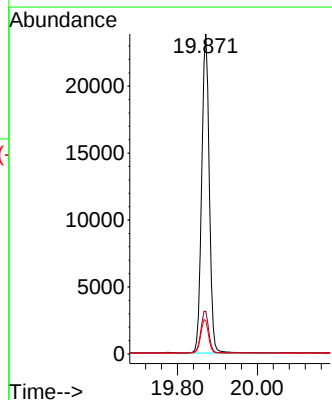
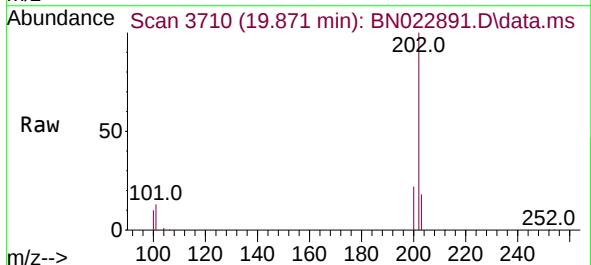
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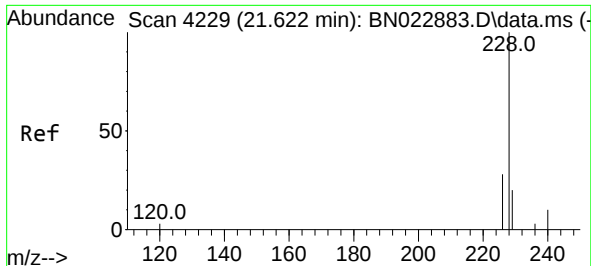
Tgt Ion:202 Resp: 31895
Ion Ratio Lower Upper
202 100
101 11.6 9.2 13.8
100 8.5 6.9 10.3



#20
Pyrene
Concen: 0.386 ng/ul
RT: 19.871 min Scan# 3710
Delta R.T. -0.000 min
Lab File: BN022891.D
Acq: 26 Nov 2022 21:08

Tgt Ion:202 Resp: 31536
Ion Ratio Lower Upper
202 100
101 13.3 10.6 16.0
100 10.4 8.2 12.4

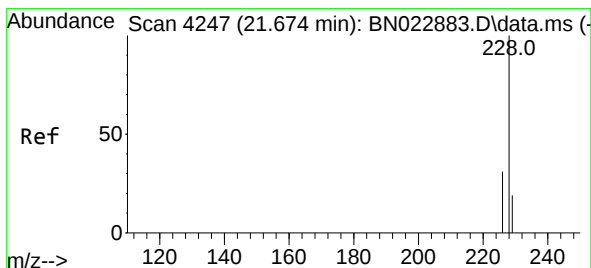
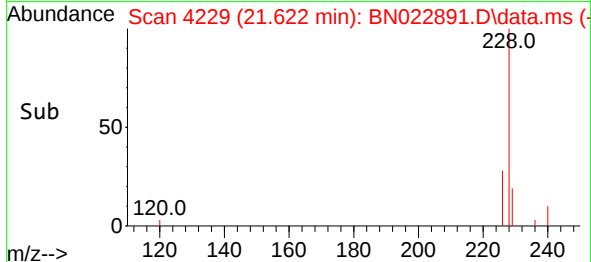
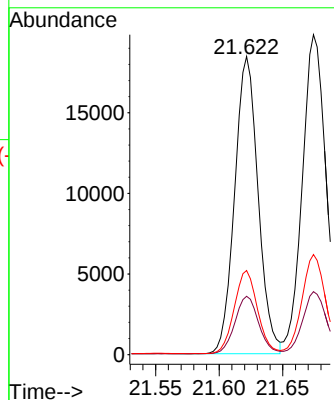
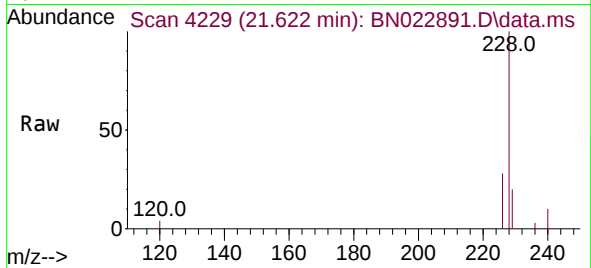




#21
Benzo(a)anthracene
Concen: 0.384 ng/ul
RT: 21.622 min Scan# 4229
Delta R.T. 0.003 min
Lab File: BN022891.D
Acq: 26 Nov 2022 21:08

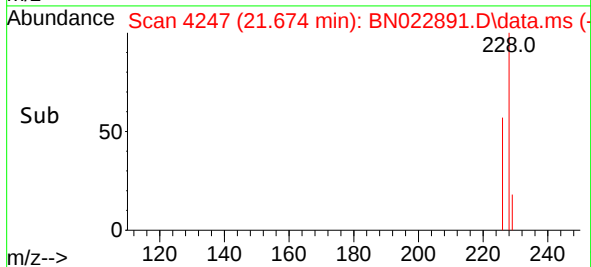
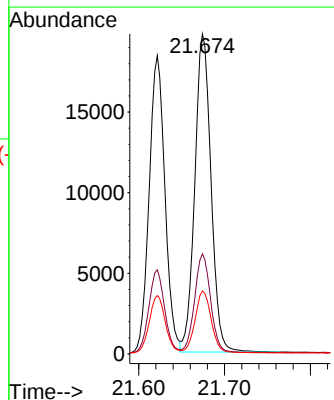
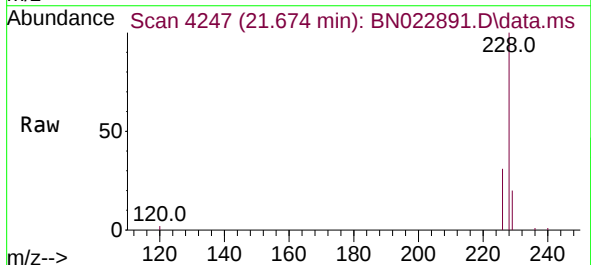
Instrument :
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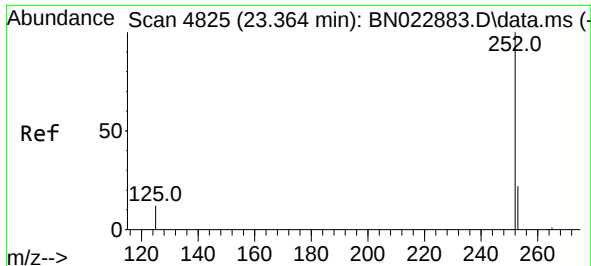
Tgt Ion:228 Resp: 23666
Ion Ratio Lower Upper
228 100
229 19.6 15.5 23.3
226 28.2 22.2 33.4



#22
Chrysene
Concen: 0.383 ng/ul
RT: 21.674 min Scan# 4247
Delta R.T. -0.000 min
Lab File: BN022891.D
Acq: 26 Nov 2022 21:08

Tgt Ion:228 Resp: 25915
Ion Ratio Lower Upper
228 100
226 31.3 24.6 37.0
229 19.7 15.8 23.8

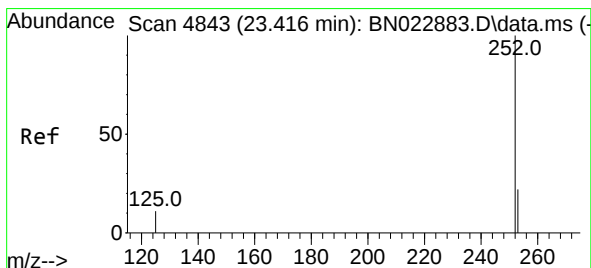
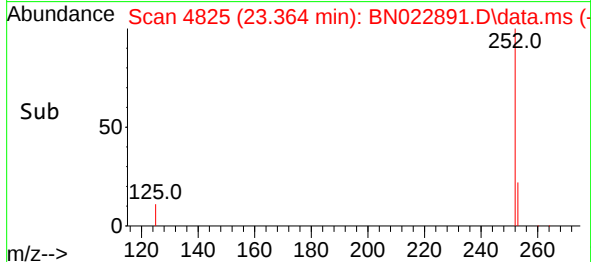
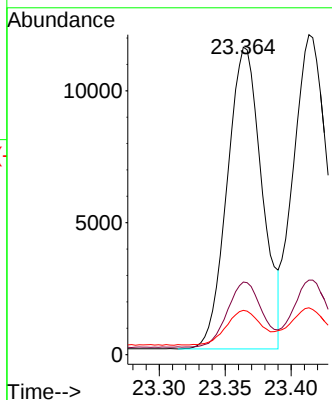
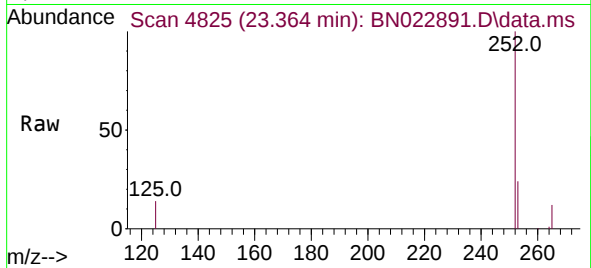




#24
Benzo(b)fluoranthene
Concen: 0.380 ng/ul
RT: 23.364 min Scan# 4825
Delta R.T. -0.000 min
Lab File: BN022891.D
Acq: 26 Nov 2022 21:08

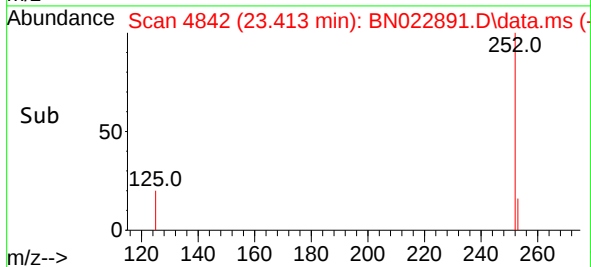
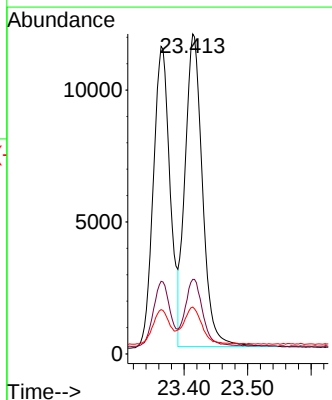
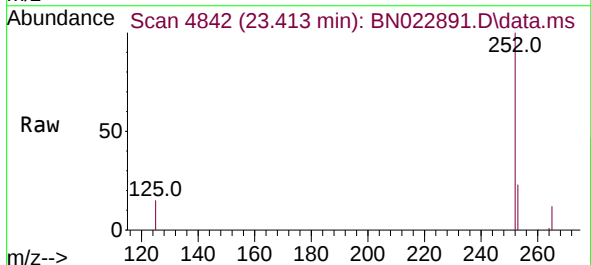
Instrument :
BNA_N
ClientSampleId :
SLCS029

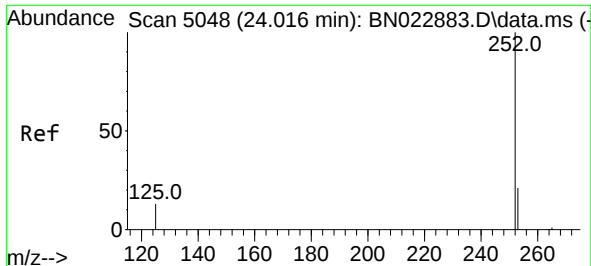
Tgt Ion:252 Resp: 20971
Ion Ratio Lower Upper
252 100
253 23.6 0.0 46.0
125 14.4 0.0 28.6



#25
Benzo(k)fluoranthene
Concen: 0.386 ng/ul
RT: 23.413 min Scan# 4842
Delta R.T. -0.000 min
Lab File: BN022891.D
Acq: 26 Nov 2022 21:08

Tgt Ion:252 Resp: 22495
Ion Ratio Lower Upper
252 100
253 23.3 18.7 28.1
125 14.6 11.3 16.9

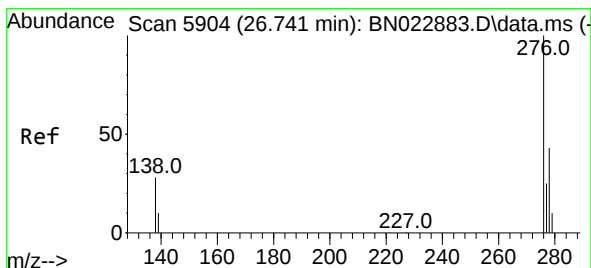
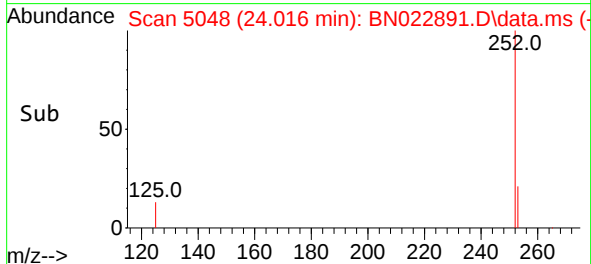
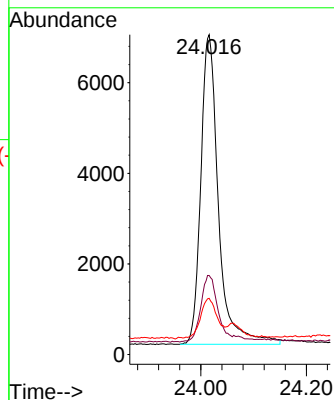
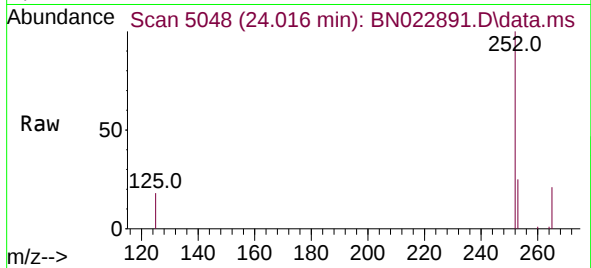




#26
Benzo(a)pyrene
Concen: 0.378 ng/ul
RT: 24.016 min Scan# 5048
Delta R.T. 0.003 min
Lab File: BN022891.D
Acq: 26 Nov 2022 21:08

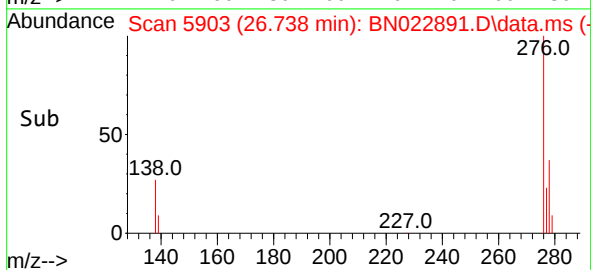
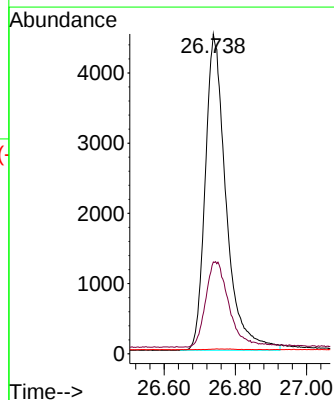
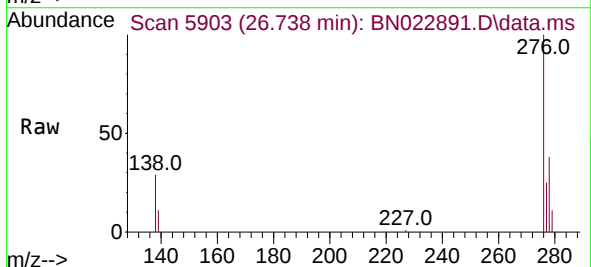
Instrument :
BNA_N
ClientSampleId :
SLCS029

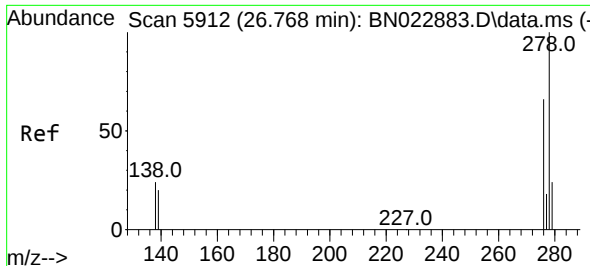
Tgt Ion:	252	Resp:	15879
Ion Ratio	Lower	Upper	
252	100		
253	24.7	19.7	29.5
125	17.6	13.7	20.5



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.365 ng/ul
RT: 26.738 min Scan# 5903
Delta R.T. -0.003 min
Lab File: BN022891.D
Acq: 26 Nov 2022 21:08

Tgt Ion:	276	Resp:	18253
Ion Ratio	Lower	Upper	
276	100		
138	30.5	0.0	0.0#
227	0.2	0.0	0.0#

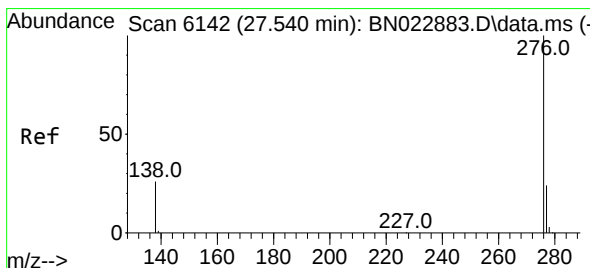
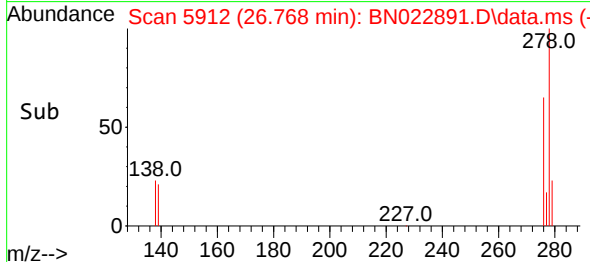
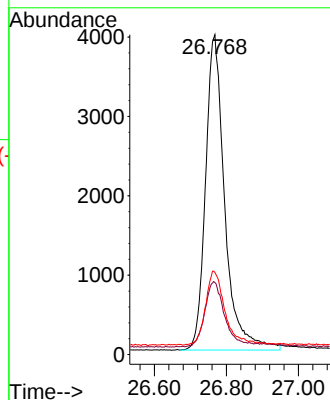
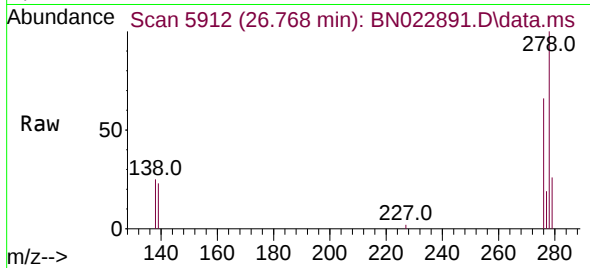




#28
Dibenzo(a,h)anthracene
Concen: 0.371 ng/ul
RT: 26.768 min Scan# 5912
Delta R.T. 0.007 min
Lab File: BN022891.D
Acq: 26 Nov 2022 21:08

Instrument :
BNA_N
ClientSampleId :
SLCS029

Tgt Ion:278 Resp: 14708
Ion Ratio Lower Upper
278 100
139 22.6 18.3 27.5
279 25.7 20.4 30.6



#29
Benzo(g,h,i)perylene
Concen: 0.364 ng/ul
RT: 27.543 min Scan# 6143
Delta R.T. 0.003 min
Lab File: BN022891.D
Acq: 26 Nov 2022 21:08

Tgt Ion:276 Resp: 15844
Ion Ratio Lower Upper
276 100
138 27.4 22.1 33.1
277 24.7 19.4 29.2

