

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112622\
 Data File : BN022893.D
 Acq On : 26 Nov 2022 22:22
 Operator : CG/JU
 Sample : PB149275BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS275

Quant Time: Nov 28 03:49:56 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

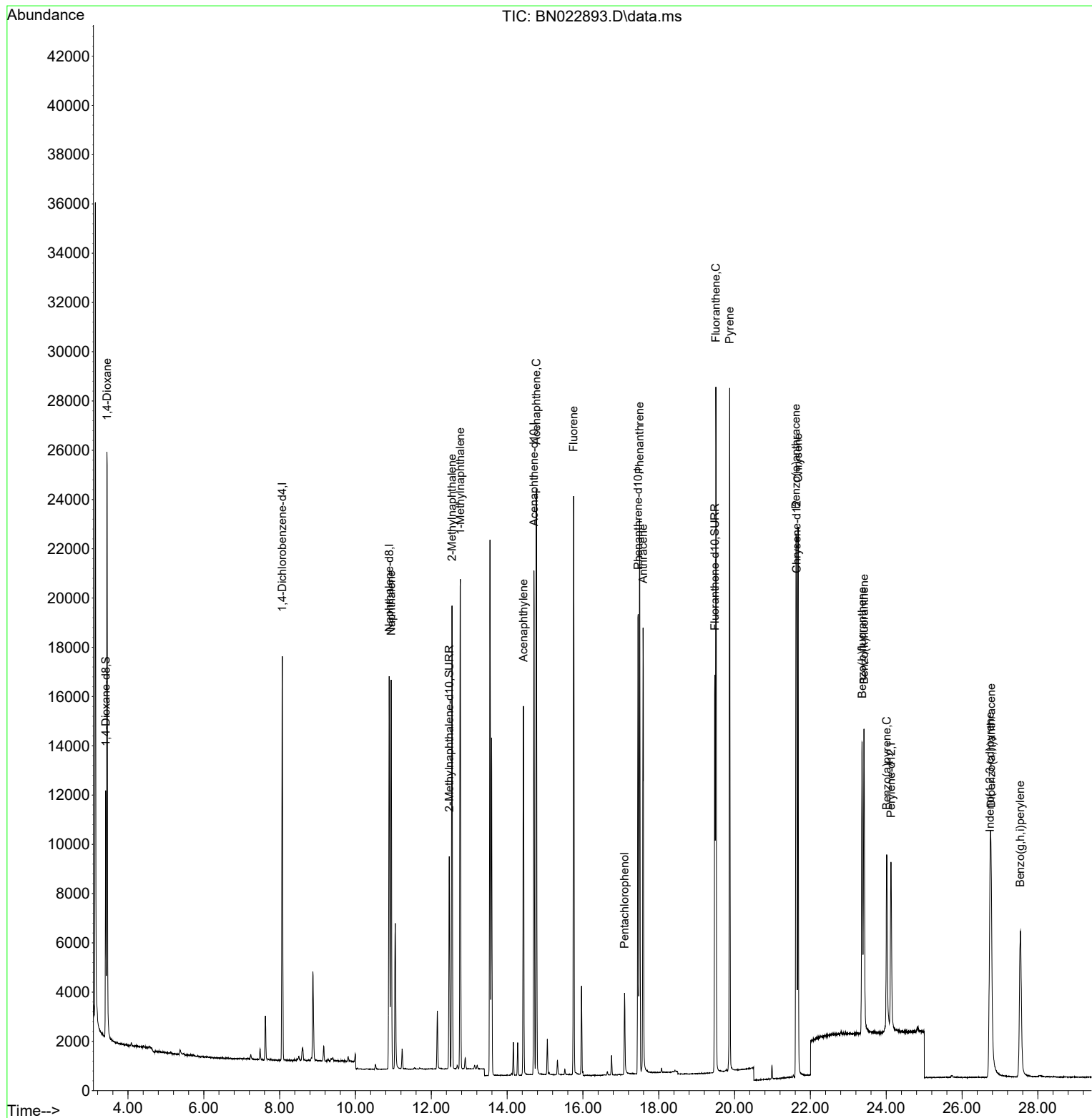
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.070	152	7902	0.400	ng/ul	0.00
4) Naphthalene-d8	10.891	136	21005	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.709	164	10612	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.456	188	21174	0.400	ng/ul	0.00
17) Chrysene-d12	21.637	240	13569	0.400	ng/ul	0.00
23) Perylene-d12	24.127	264	10061	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.412	96	5780	0.610	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.475	152	10455	0.327	ng/ul	0.00
18) Fluoranthene-d10	19.479	212	16964	0.338	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.450	88	15152	1.532	ng/ul	94
5) Naphthalene	10.940	128	20837	0.327	ng/ul	100
7) 2-Methylnaphthalene	12.546	142	12590	0.316	ng/ul	99
8) 1-Methylnaphthalene	12.766	142	13409	0.331	ng/ul	99
10) Acenaphthylene	14.431	152	16473	0.315	ng/ul	99
11) Acenaphthene	14.773	153	13189	0.318	ng/ul	100
12) Fluorene	15.754	166	14449	0.308	ng/ul	99
14) Pentachlorophenol	17.097	266	2339	0.528	ng/ul#	100
15) Phenanthrene	17.494	178	23036	0.317	ng/ul	100
16) Anthracene	17.587	178	19295	0.309	ng/ul	99
19) Fluoranthene	19.507	202	22656	0.323	ng/ul	98
20) Pyrene	19.870	202	22399	0.326	ng/ul	99
21) Benzo(a)anthracene	21.619	228	17024	0.328	ng/ul	100
22) Chrysene	21.675	228	19200	0.338	ng/ul	100
24) Benzo(b)fluoranthene	23.364	252	16372	0.321	ng/ul	99
25) Benzo(k)fluoranthene	23.414	252	17697	0.328	ng/ul	99
26) Benzo(a)pyrene	24.013	252	12683	0.327	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.735	276	16543	0.358	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.765	278	13345	0.364	ng/ul	99
29) Benzo(g,h,i)perylene	27.537	276	14740	0.366	ng/ul	100

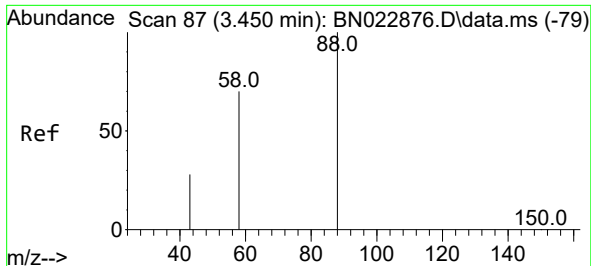
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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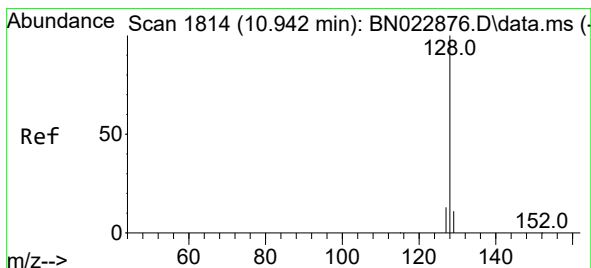
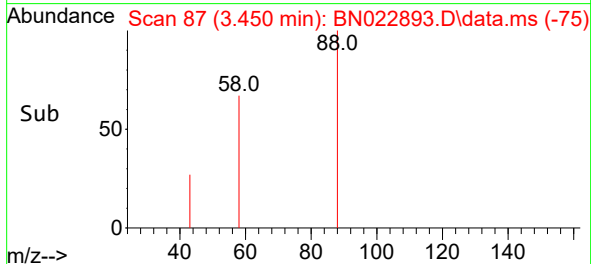
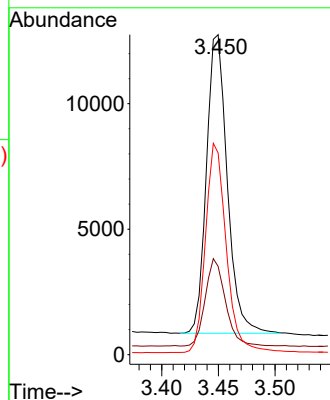
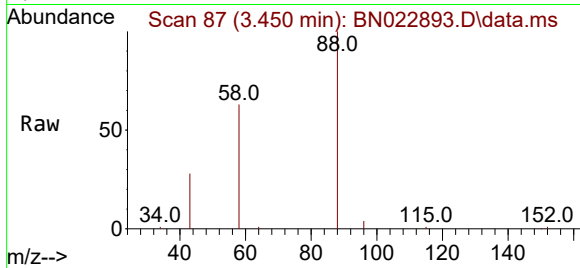




#2
1,4-Dioxane
Concen: 1.532 ng/ul
RT: 3.450 min Scan# 81
Delta R.T. -0.000 min
Lab File: BN022893.D
Acq: 26 Nov 2022 22:22

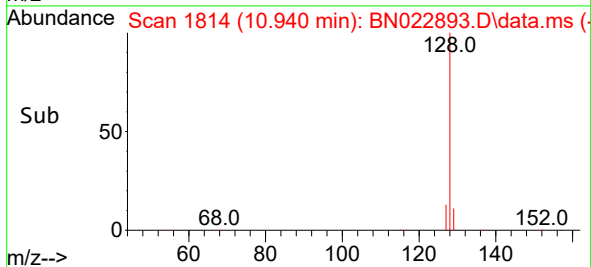
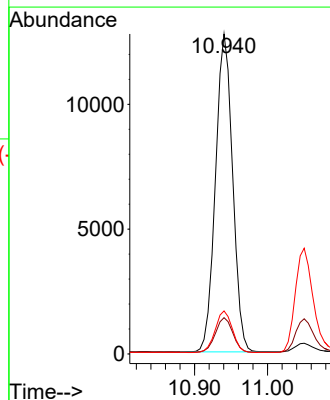
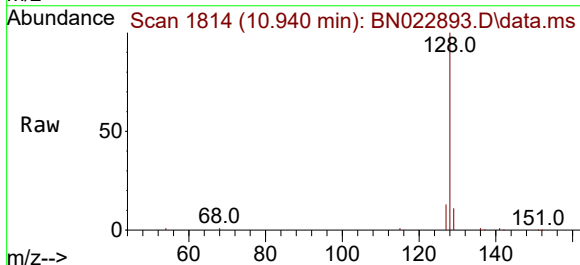
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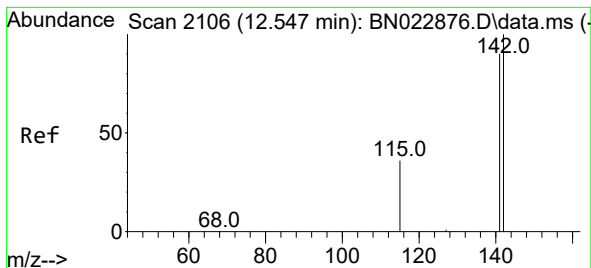
Tgt Ion: 88 Resp: 15152
Ion Ratio Lower Upper
88 100
43 27.6 26.2 39.4
58 63.1 47.6 71.4



#5
Naphthalene
Concen: 0.327 ng/ul
RT: 10.940 min Scan# 1814
Delta R.T. -0.001 min
Lab File: BN022893.D
Acq: 26 Nov 2022 22:22

Tgt Ion:128 Resp: 20837
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 13.4 10.6 16.0

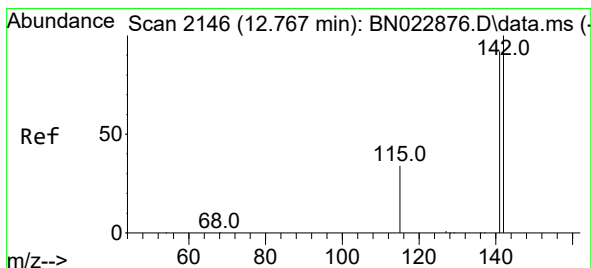
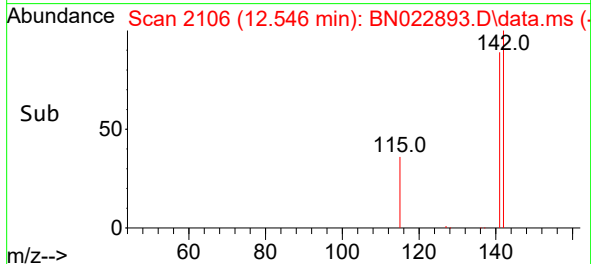
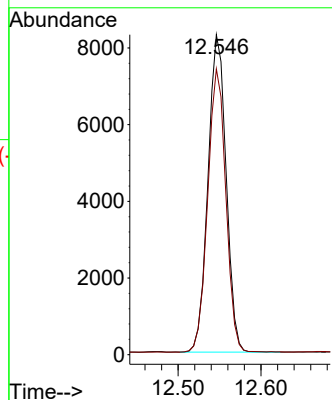
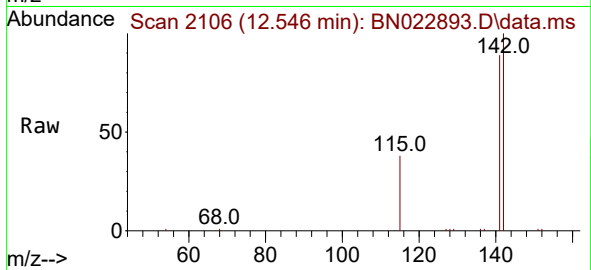




#7
2-Methylnaphthalene
Concen: 0.316 ng/ul
RT: 12.546 min Scan# 2106
Delta R.T. -0.001 min
Lab File: BN022893.D
Acq: 26 Nov 2022 22:22

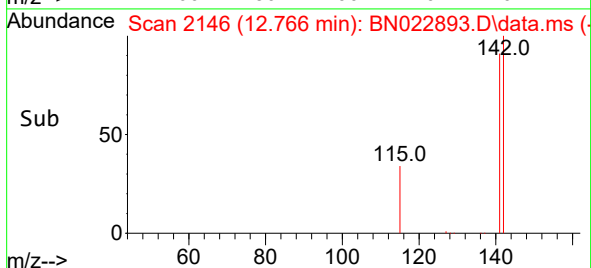
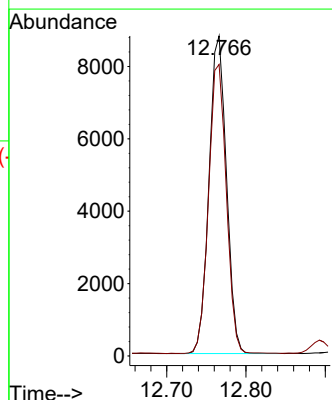
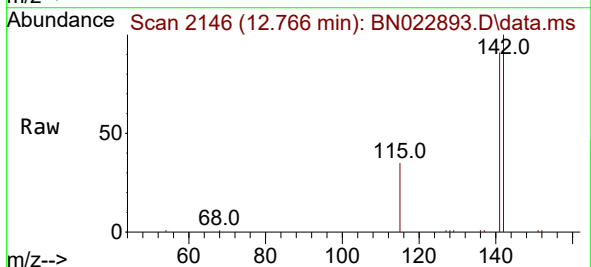
Instrument :
BNA_N
ClientSampleId :
SLCS275

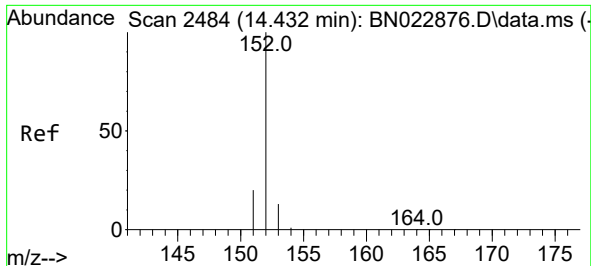
Tgt Ion:142 Resp: 12590
Ion Ratio Lower Upper
142 100
141 89.0 71.6 107.4



#8
1-Methylnaphthalene
Concen: 0.331 ng/ul
RT: 12.766 min Scan# 2146
Delta R.T. -0.001 min
Lab File: BN022893.D
Acq: 26 Nov 2022 22:22

Tgt Ion:142 Resp: 13409
Ion Ratio Lower Upper
142 100
141 92.7 73.8 110.6

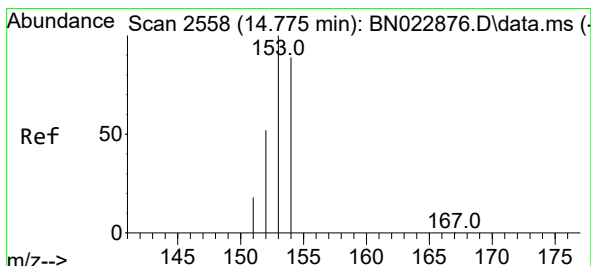
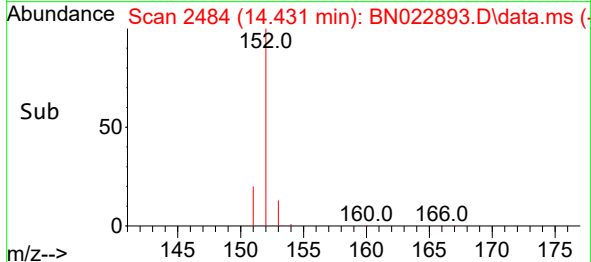
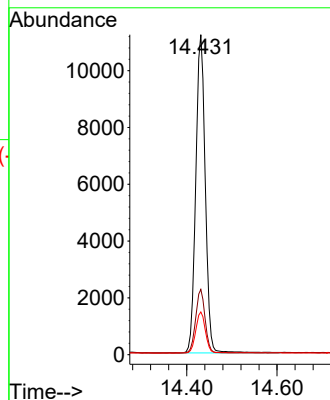
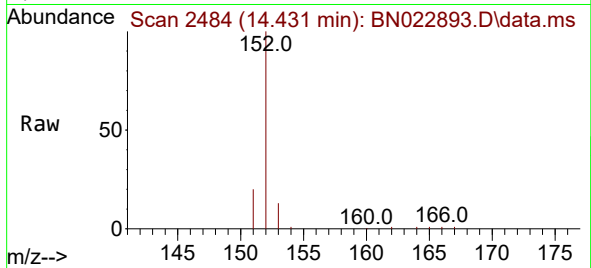




#10
Acenaphthylene
Concen: 0.315 ng/ul
RT: 14.431 min Scan# 2484
Delta R.T. -0.001 min
Lab File: BN022893.D
Acq: 26 Nov 2022 22:22

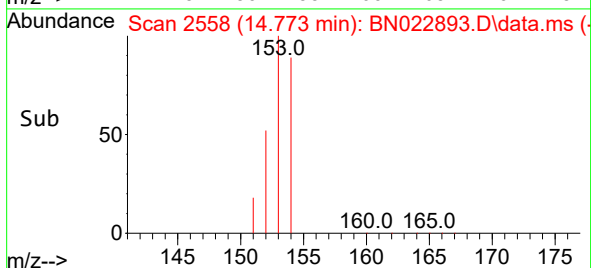
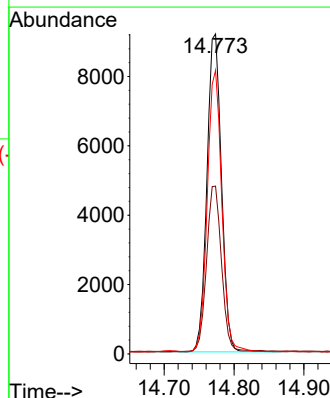
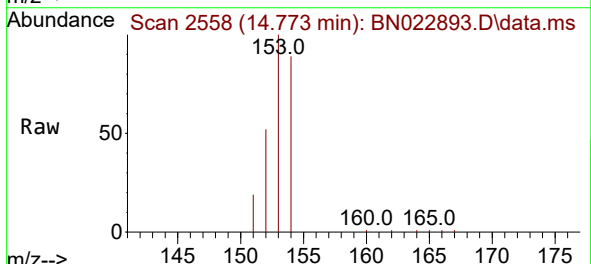
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BNA_N
ClientSampleId :
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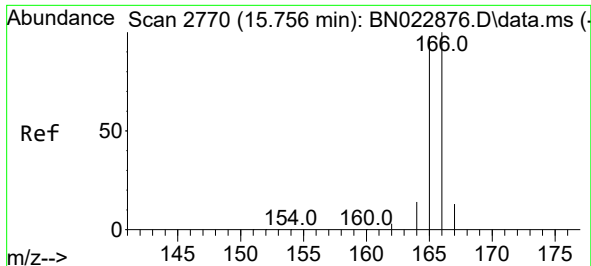
Tgt Ion:152 Resp: 16473
Ion Ratio Lower Upper
152 100
151 20.4 16.0 24.0
153 13.3 10.5 15.7



#11
Acenaphthene
Concen: 0.318 ng/ul
RT: 14.773 min Scan# 2558
Delta R.T. -0.001 min
Lab File: BN022893.D
Acq: 26 Nov 2022 22:22

Tgt Ion:153 Resp: 13189
Ion Ratio Lower Upper
153 100
152 52.5 41.8 62.8
154 88.6 71.3 106.9

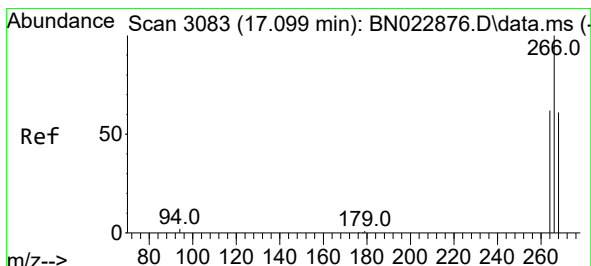
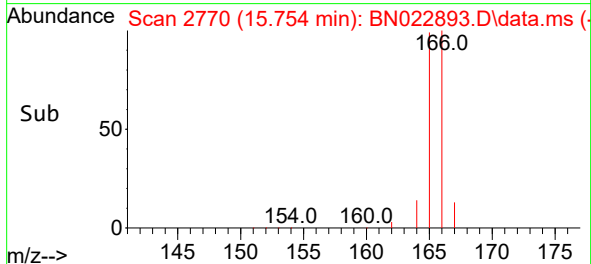
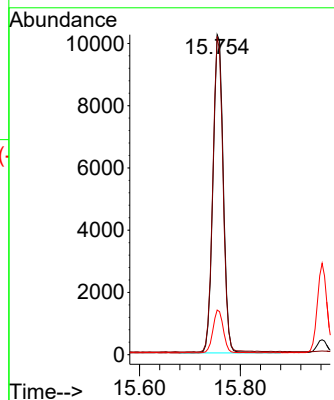
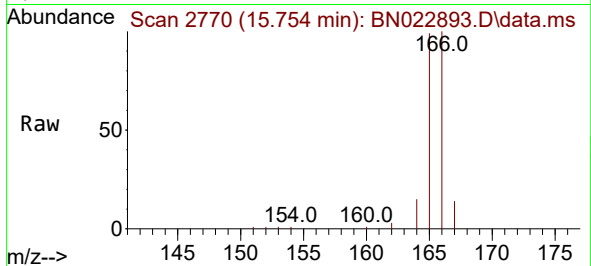




#12
Fluorene
Concen: 0.308 ng/ul
RT: 15.754 min Scan# 21
Delta R.T. -0.001 min
Lab File: BN022893.D
Acq: 26 Nov 2022 22:22

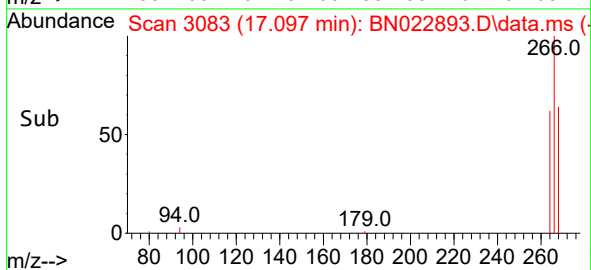
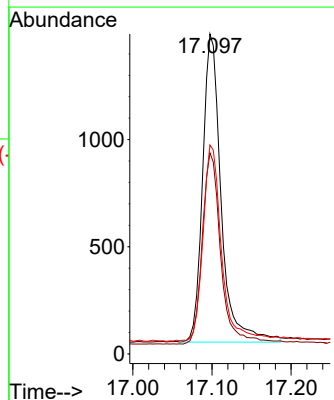
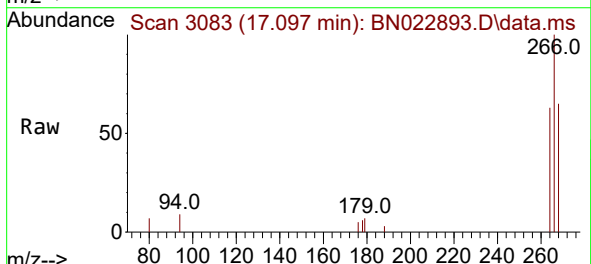
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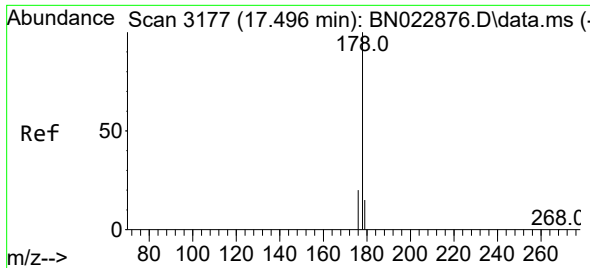
Tgt Ion:166 Resp: 14449
Ion Ratio Lower Upper
166 100
165 99.5 78.7 118.1
167 14.0 10.8 16.2



#14
Pentachlorophenol
Concen: 0.528 ng/ul
RT: 17.097 min Scan# 3083
Delta R.T. -0.001 min
Lab File: BN022893.D
Acq: 26 Nov 2022 22:22

Tgt Ion:266 Resp: 2339
Ion Ratio Lower Upper
266 100
264 62.1 0.0 0.0#
268 64.5 0.0 0.0#

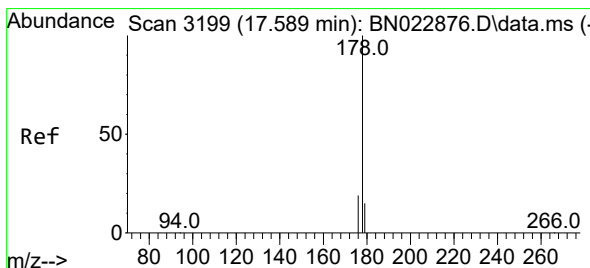
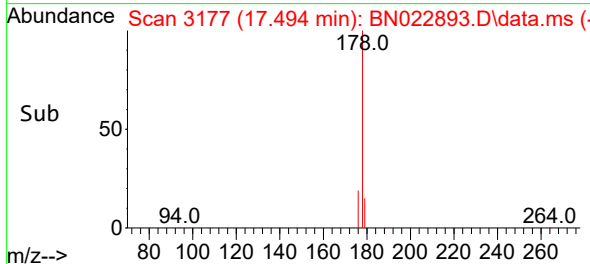
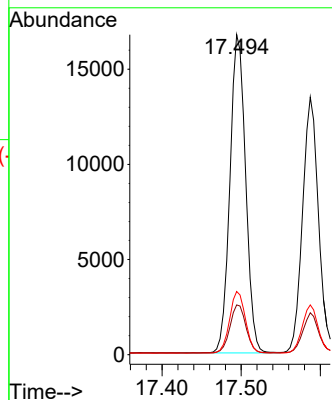
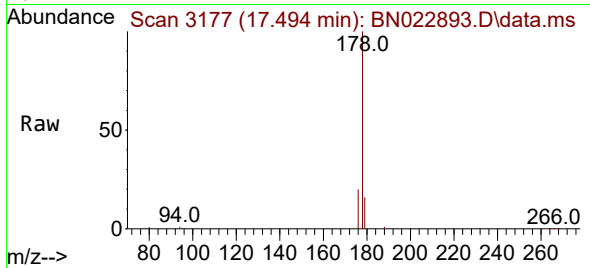




#15
Phenanthrene
Concen: 0.317 ng/ul
RT: 17.494 min Scan# 3177
Delta R.T. -0.001 min
Lab File: BN022893.D
Acq: 26 Nov 2022 22:22

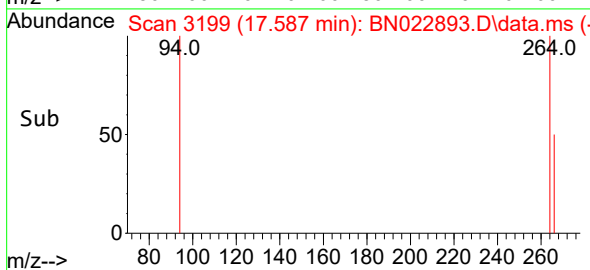
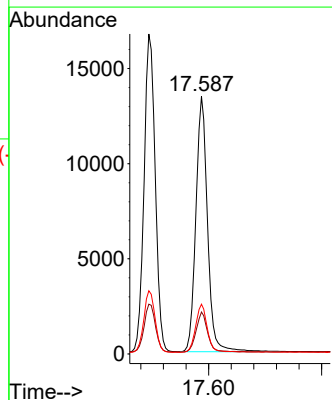
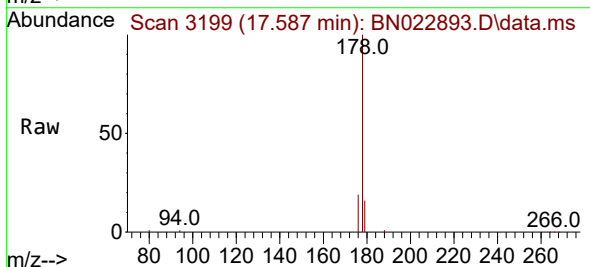
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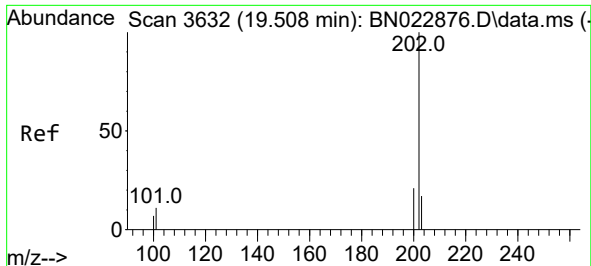
Tgt Ion:	178	Resp:	23036
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.5	18.7
176	19.8	15.9	23.9



#16
Anthracene
Concen: 0.309 ng/ul
RT: 17.587 min Scan# 3199
Delta R.T. -0.001 min
Lab File: BN022893.D
Acq: 26 Nov 2022 22:22

Tgt Ion:	178	Resp:	19295
Ion Ratio	Lower	Upper	
178	100		
179	16.3	12.6	18.8
176	19.3	15.3	22.9

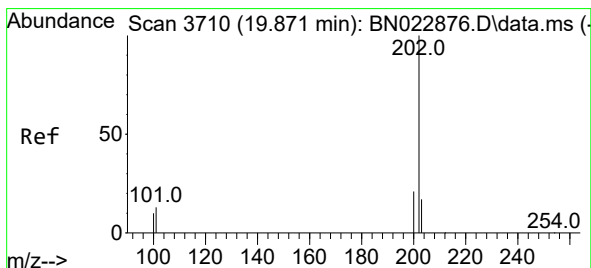
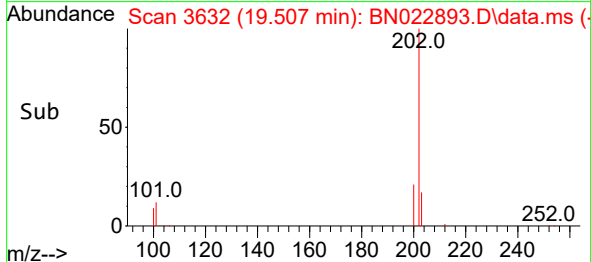
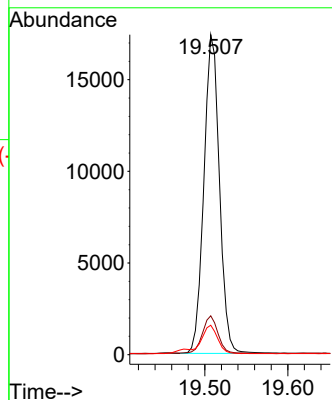
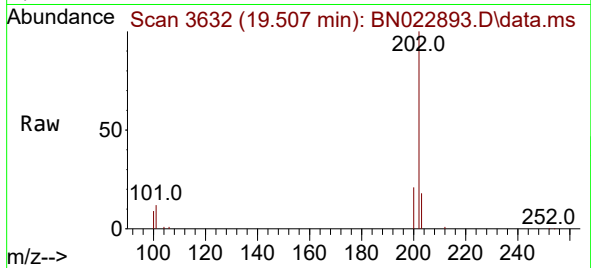




#19
Fluoranthene
Concen: 0.323 ng/ul
RT: 19.507 min Scan# 3632
Delta R.T. -0.001 min
Lab File: BN022893.D
Acq: 26 Nov 2022 22:22

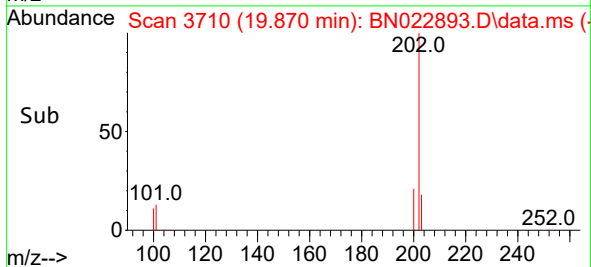
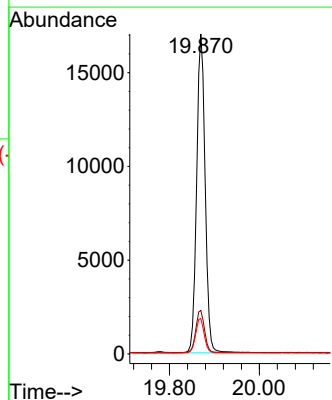
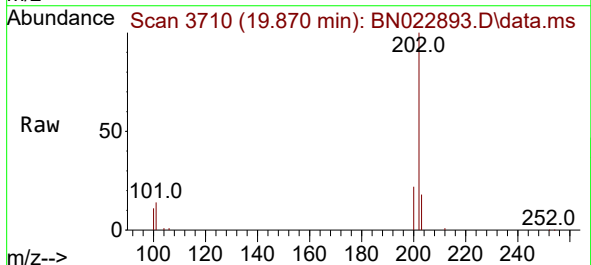
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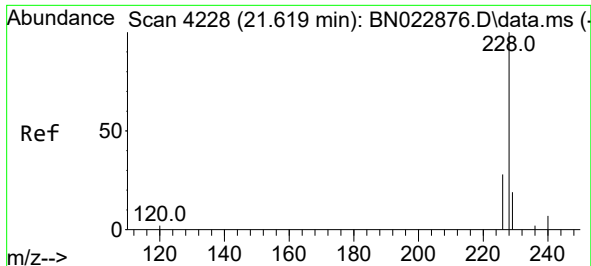
Tgt Ion:202 Resp: 22656
Ion Ratio Lower Upper
202 100
101 12.1 9.2 13.8
100 9.2 6.9 10.3



#20
Pyrene
Concen: 0.326 ng/ul
RT: 19.870 min Scan# 3710
Delta R.T. -0.001 min
Lab File: BN022893.D
Acq: 26 Nov 2022 22:22

Tgt Ion:202 Resp: 22399
Ion Ratio Lower Upper
202 100
101 13.6 10.6 16.0
100 11.0 8.2 12.4

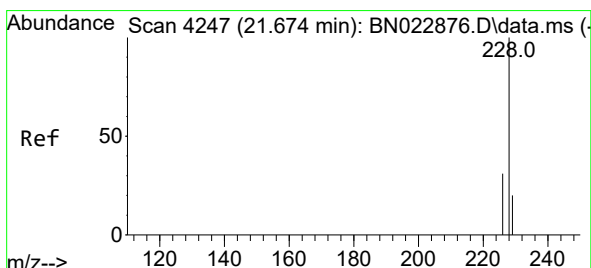
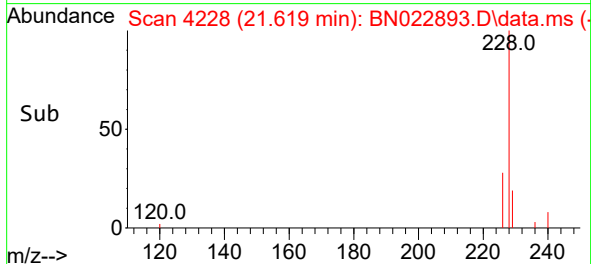
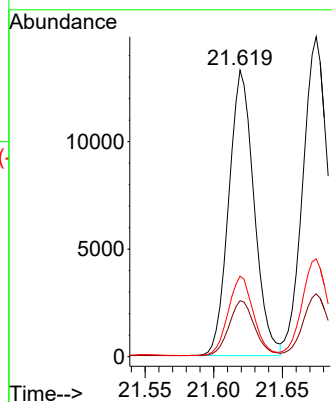
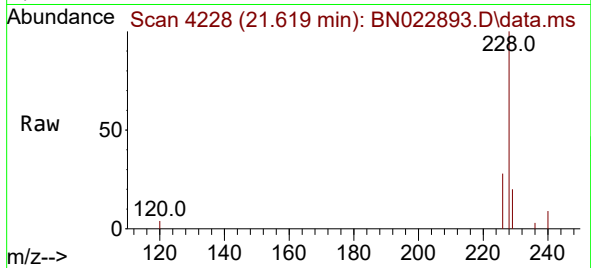




#21
Benzo(a)anthracene
Concen: 0.328 ng/ul
RT: 21.619 min Scan# 4228
Delta R.T. 0.000 min
Lab File: BN022893.D
Acq: 26 Nov 2022 22:22

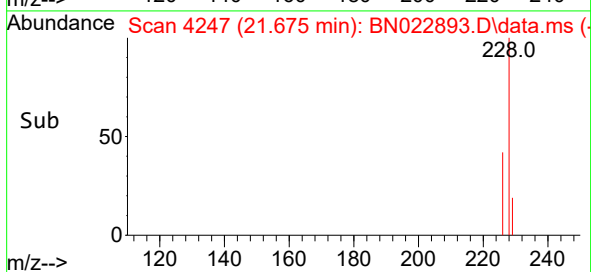
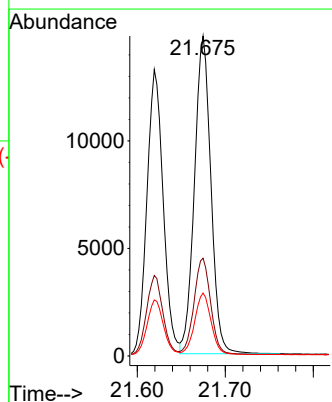
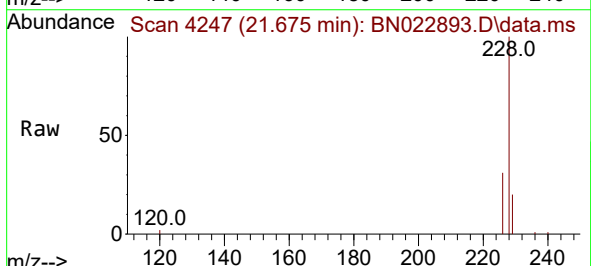
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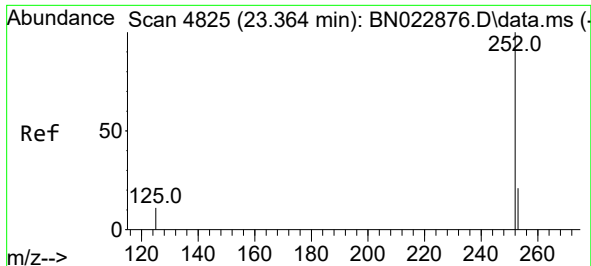
Tgt Ion:228 Resp: 17024
Ion Ratio Lower Upper
228 100
229 19.6 15.5 23.3
226 28.1 22.2 33.4



#22
Chrysene
Concen: 0.338 ng/ul
RT: 21.675 min Scan# 4247
Delta R.T. 0.000 min
Lab File: BN022893.D
Acq: 26 Nov 2022 22:22

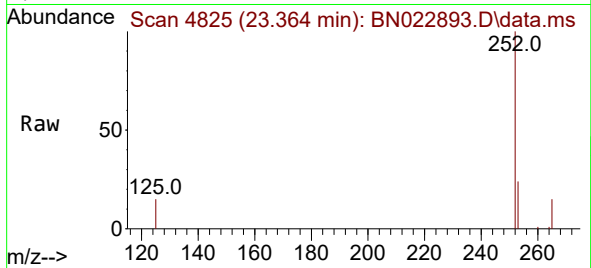
Tgt Ion:228 Resp: 19200
Ion Ratio Lower Upper
228 100
226 30.5 24.6 37.0
229 19.7 15.8 23.8



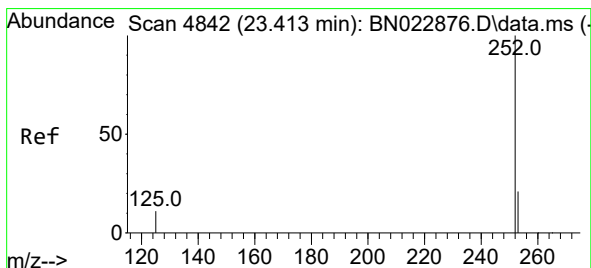
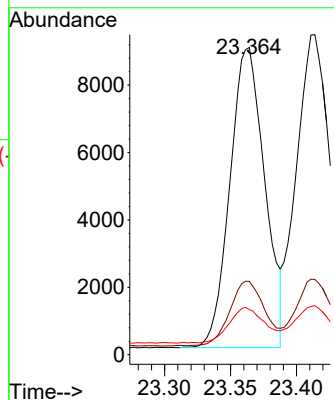


#24
Benzo(b)fluoranthene
Concen: 0.321 ng/ul
RT: 23.364 min Scan# 4825
Delta R.T. 0.000 min
Lab File: BN022893.D
Acq: 26 Nov 2022 22:22

Instrument :
BNA_N
ClientSampleId :
SLCS275

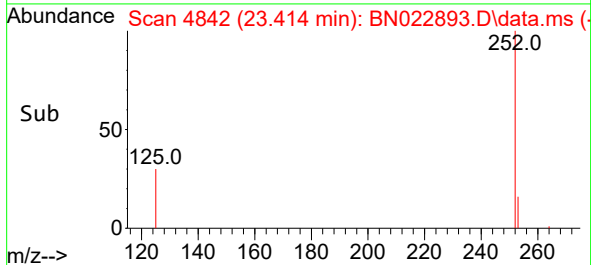
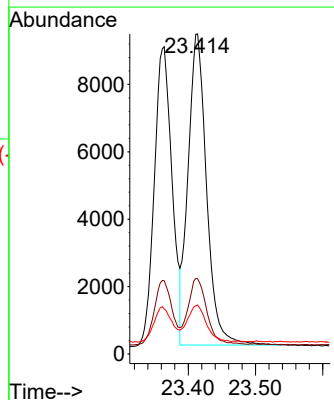
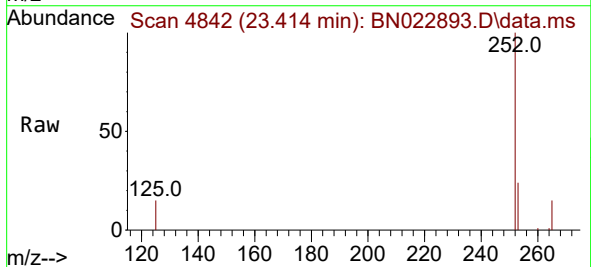


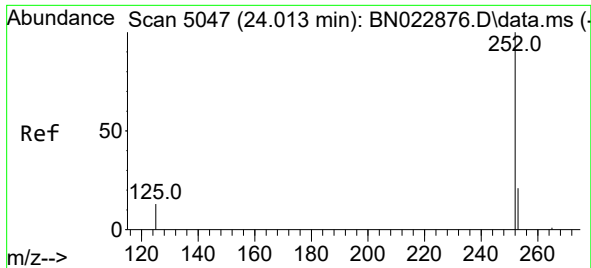
Tgt Ion:252 Resp: 16372
Ion Ratio Lower Upper
252 100
253 23.8 0.0 46.0
125 14.7 0.0 28.6



#25
Benzo(k)fluoranthene
Concen: 0.328 ng/ul
RT: 23.414 min Scan# 4842
Delta R.T. 0.000 min
Lab File: BN022893.D
Acq: 26 Nov 2022 22:22

Tgt Ion:252 Resp: 17697
Ion Ratio Lower Upper
252 100
253 23.5 18.7 28.1
125 15.3 11.3 16.9

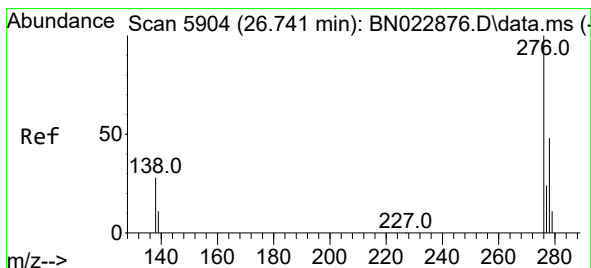
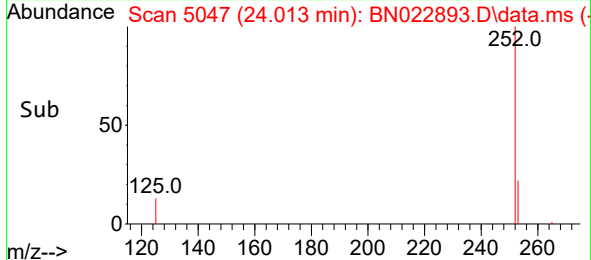
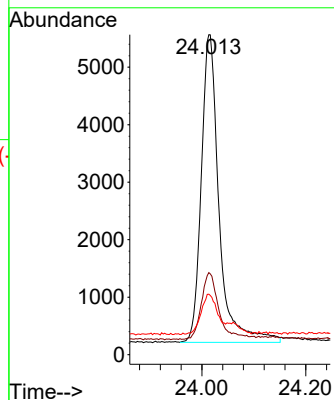
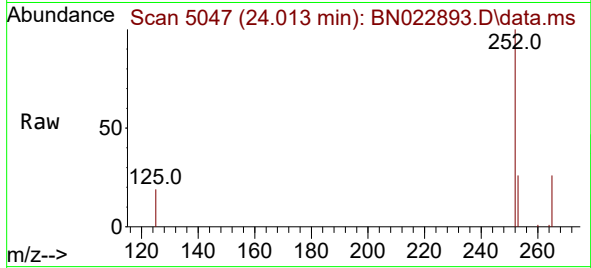




#26
Benzo(a)pyrene
Concen: 0.327 ng/ul
RT: 24.013 min Scan# 5047
Delta R.T. 0.000 min
Lab File: BN022893.D
Acq: 26 Nov 2022 22:22

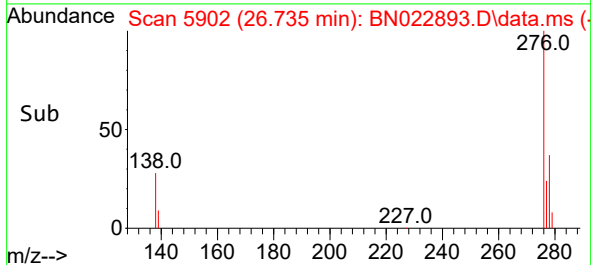
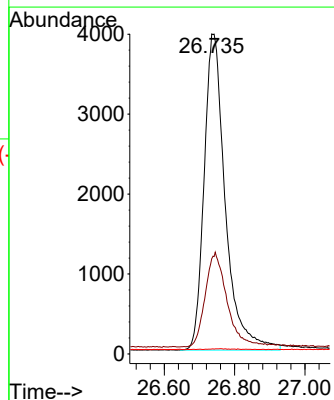
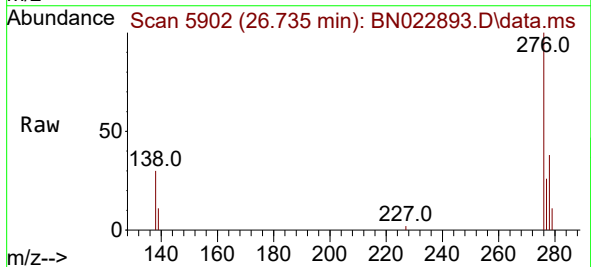
Instrument :
BNA_N
ClientSampleId :
SLCS275

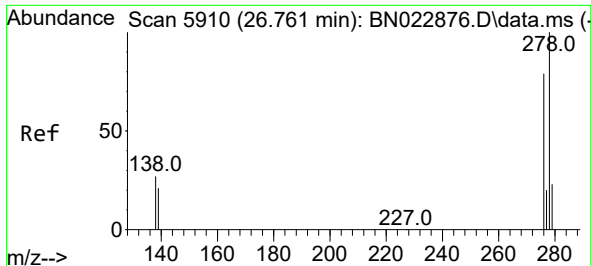
Tgt Ion:252 Resp: 12683
Ion Ratio Lower Upper
252 100
253 25.6 19.7 29.5
125 18.9 13.7 20.5



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.358 ng/ul
RT: 26.735 min Scan# 5902
Delta R.T. -0.006 min
Lab File: BN022893.D
Acq: 26 Nov 2022 22:22

Tgt Ion:276 Resp: 16543
Ion Ratio Lower Upper
276 100
138 30.8 0.0 0.0#
227 0.0 0.0 0.0#

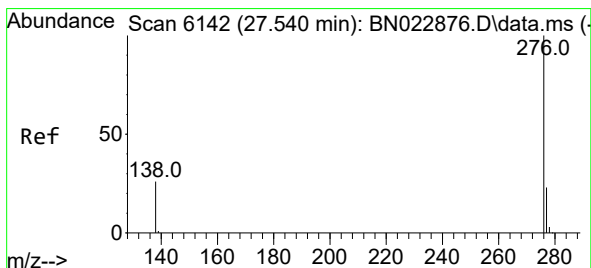
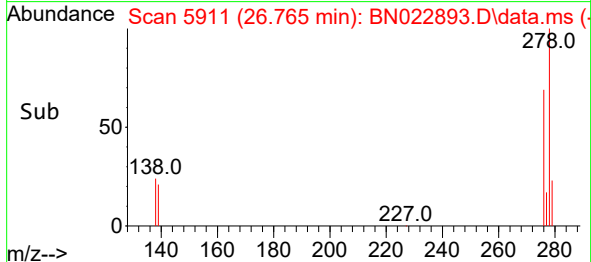
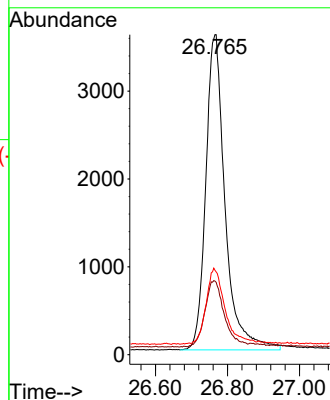
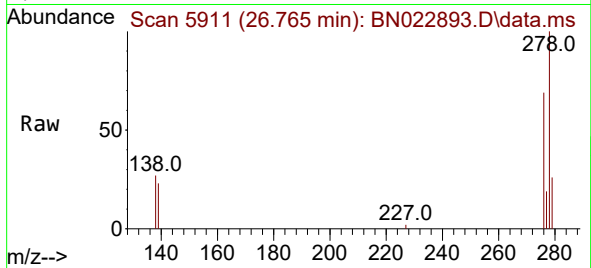




#28
Dibenzo(a,h)anthracene
Concen: 0.364 ng/ul
RT: 26.765 min Scan# 5910
Delta R.T. 0.004 min
Lab File: BN022893.D
Acq: 26 Nov 2022 22:22

Instrument :
BNA_N
ClientSampleId :
SLCS275

Tgt Ion:278 Resp: 13345
Ion Ratio Lower Upper
278 100
139 23.0 18.3 27.5
279 26.4 20.4 30.6



#29
Benzo(g,h,i)perylene
Concen: 0.366 ng/ul
RT: 27.537 min Scan# 6141
Delta R.T. -0.003 min
Lab File: BN022893.D
Acq: 26 Nov 2022 22:22

Tgt Ion:276 Resp: 14740
Ion Ratio Lower Upper
276 100
138 27.7 22.1 33.1
277 24.3 19.4 29.2

