

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112622\
 Data File : BN022903.D
 Acq On : 27 Nov 2022 05:07
 Operator : CG/JU
 Sample : PB149071BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS071

Quant Time: Nov 28 03:51:02 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)

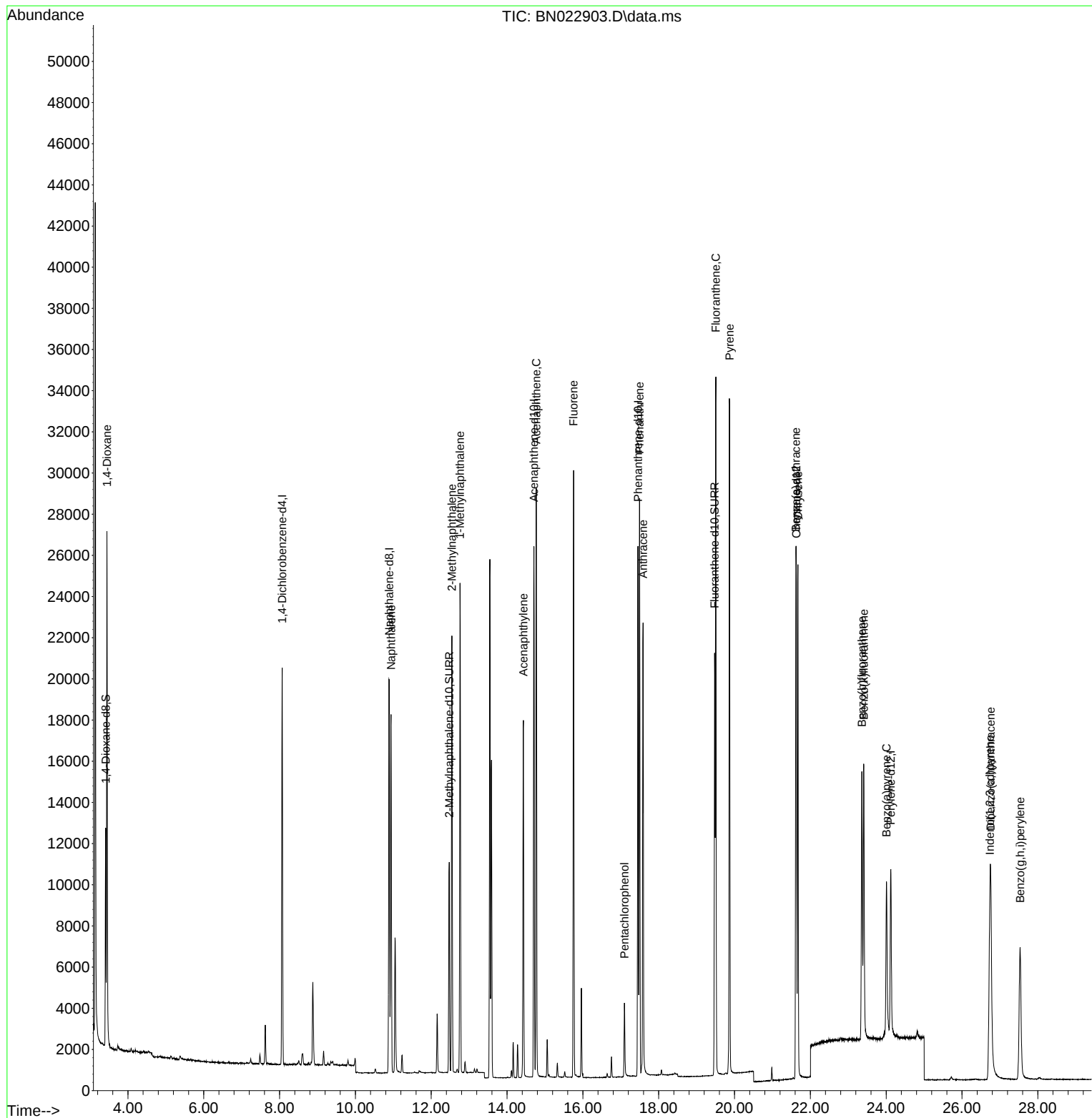
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.069	152	9329	0.400	ng/u1	0.00
4) Naphthalene-d8	10.891	136	25614	0.400	ng/u1	0.00
9) Acenaphthene-d10	14.709	164	13704	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.452	188	27954	0.400	ng/u1	0.00
17) Chrysene-d12	21.631	240	16839	0.400	ng/u1	0.00
23) Perylene-d12	24.121	264	11979	0.400	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.412	96	6489	0.580	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.475	152	12496	0.320	ng/u1	0.00
18) Fluoranthene-d10	19.474	212	21189	0.341	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.445	88	16009	1.371	ng/u1	92
5) Naphthalene	10.940	128	23213	0.299	ng/u1	100
7) 2-Methylnaphthalene	12.546	142	14458	0.298	ng/u1	100
8) 1-Methylnaphthalene	12.761	142	15405	0.312	ng/u1	100
10) Acenaphthylene	14.431	152	19248	0.285	ng/u1	100
11) Acenaphthene	14.769	153	15788	0.295	ng/u1	98
12) Fluorene	15.754	166	17575	0.290	ng/u1	100
14) Pentachlorophenol	17.097	266	2477	0.424	ng/u1#	100
15) Phenanthrene	17.494	178	28542	0.298	ng/u1	99
16) Anthracene	17.587	178	24001	0.292	ng/u1	100
19) Fluoranthene	19.507	202	27818	0.320	ng/u1	99
20) Pyrene	19.870	202	27032	0.317	ng/u1	99
21) Benzo(a)anthracene	21.616	228	19182	0.298	ng/u1	99
22) Chrysene	21.672	228	21673	0.307	ng/u1	100
24) Benzo(b)fluoranthene	23.358	252	17993	0.296	ng/u1	98
25) Benzo(k)fluoranthene	23.408	252	19030	0.297	ng/u1	99
26) Benzo(a)pyrene	24.007	252	13421	0.290	ng/u1	98
27) Indeno(1,2,3-cd)pyrene	26.732	276	17391	0.317	ng/u1#	100
28) Dibenzo(a,h)anthracene	26.758	278	14197	0.325	ng/u1	100
29) Benzo(g,h,i)perylene	27.533	276	15159	0.316	ng/u1	99

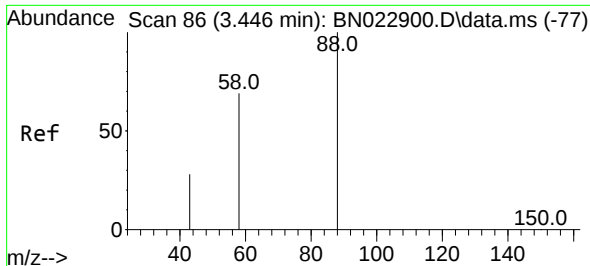
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112622\
Data File : BN022903.D
Acq On : 27 Nov 2022 05:07
Operator : CG/JU
Sample : PB149071BS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS071

Quant Time: Nov 28 03:51:02 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

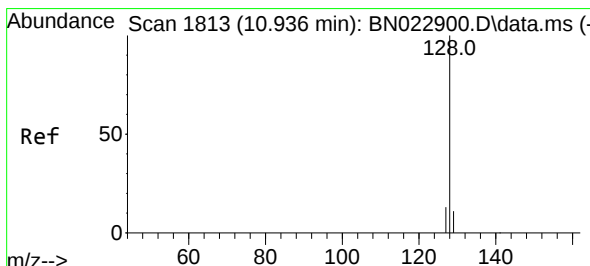
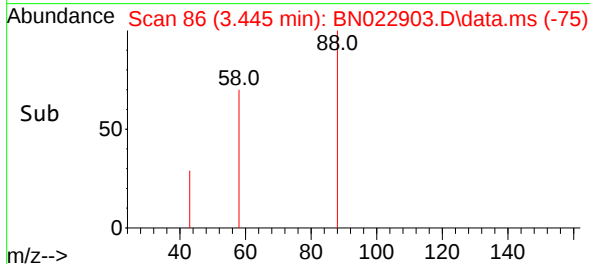
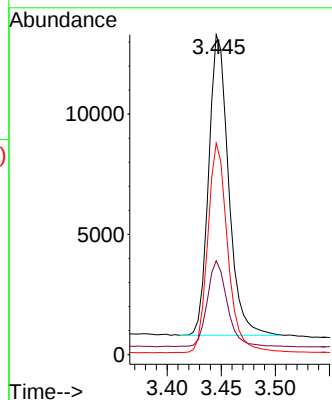
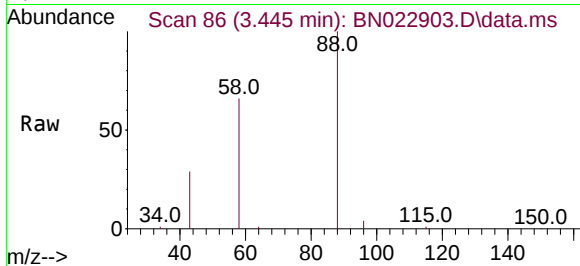




#2
1,4-Dioxane
Concen: 1.371 ng/ul
RT: 3.445 min Scan# 86
Delta R.T. -0.004 min
Lab File: BN022903.D
Acq: 27 Nov 2022 05:07

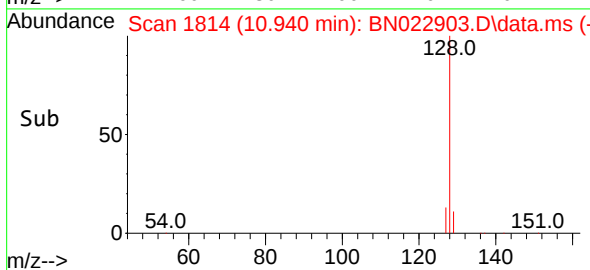
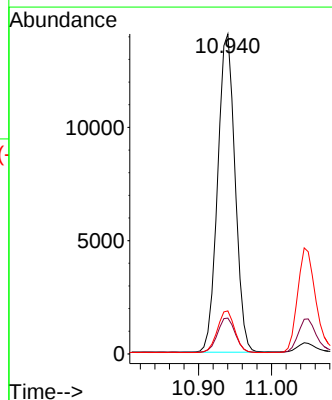
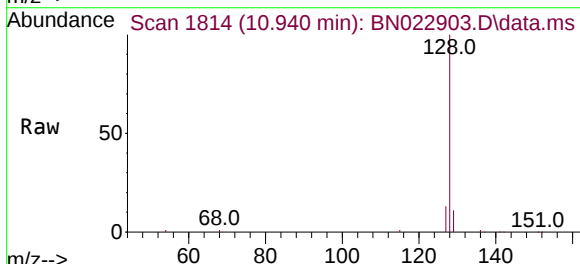
Instrument :
BNA_N
ClientSampleId :
SLCS071

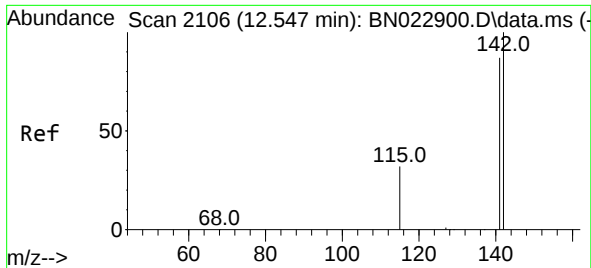
Tgt Ion: 88 Resp: 16009
Ion Ratio Lower Upper
88 100
43 29.3 26.2 39.4
58 66.0 47.6 71.4



#5
Naphthalene
Concen: 0.299 ng/ul
RT: 10.940 min Scan# 1814
Delta R.T. -0.001 min
Lab File: BN022903.D
Acq: 27 Nov 2022 05:07

Tgt Ion:128 Resp: 23213
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.4 10.6 16.0

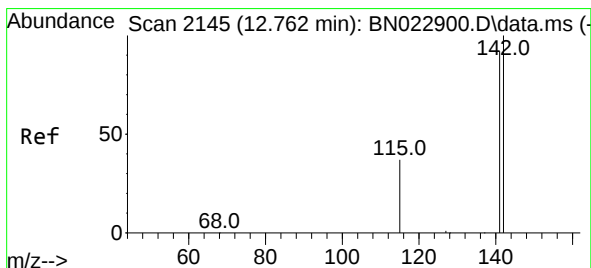
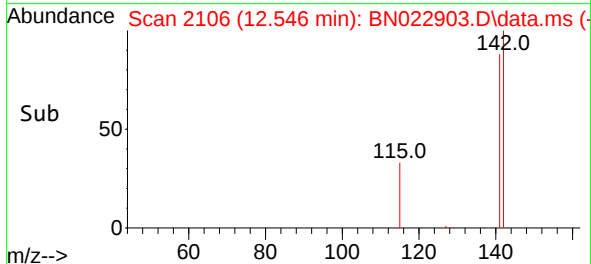
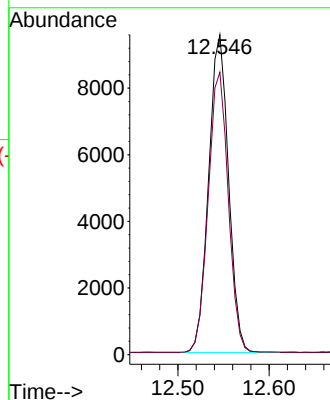
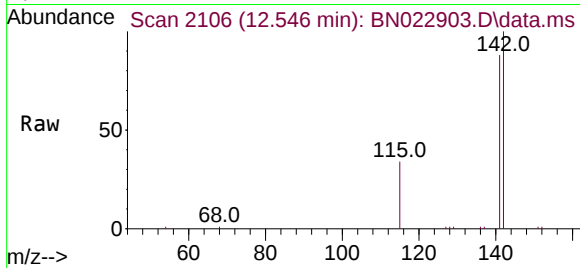




#7
2-Methylnaphthalene
Concen: 0.298 ng/ul
RT: 12.546 min Scan# 2106
Delta R.T. -0.001 min
Lab File: BN022903.D
Acq: 27 Nov 2022 05:07

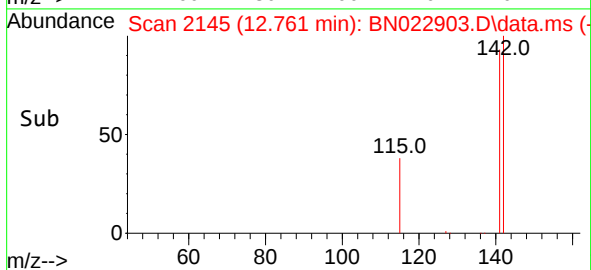
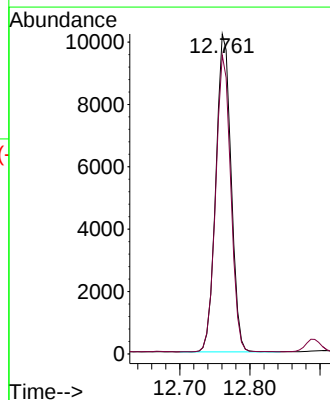
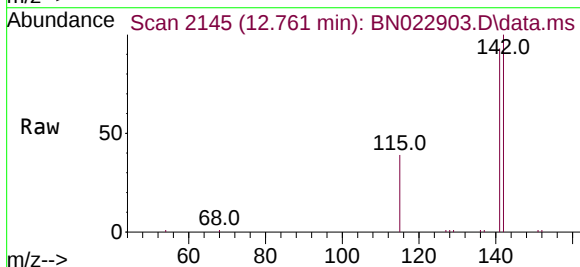
Instrument :
BNA_N
ClientSampleId :
SLCS071

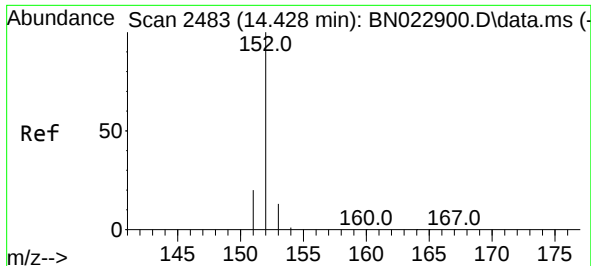
Tgt Ion:142 Resp: 14458
Ion Ratio Lower Upper
142 100
141 89.2 71.6 107.4



#8
1-Methylnaphthalene
Concen: 0.312 ng/ul
RT: 12.761 min Scan# 2145
Delta R.T. -0.007 min
Lab File: BN022903.D
Acq: 27 Nov 2022 05:07

Tgt Ion:142 Resp: 15405
Ion Ratio Lower Upper
142 100
141 92.7 73.8 110.6

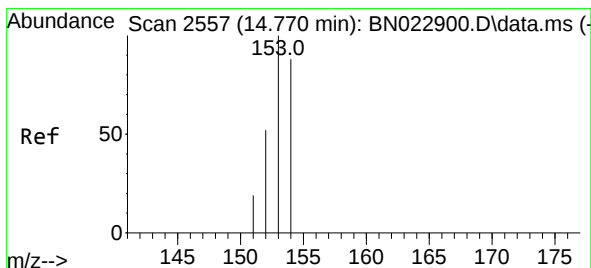
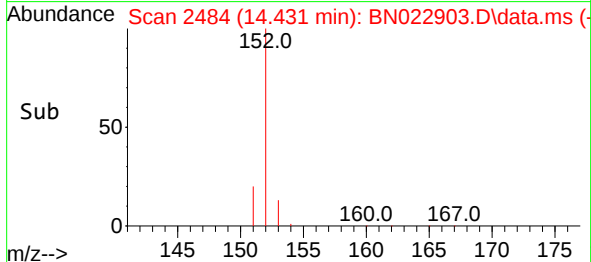
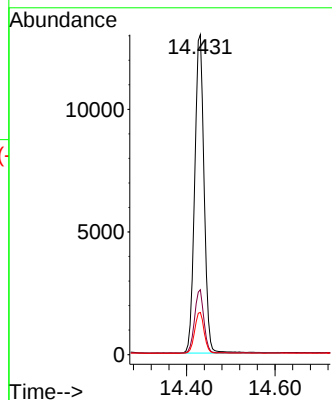
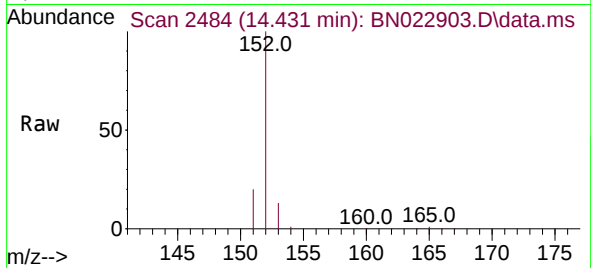




#10
Acenaphthylene
Concen: 0.285 ng/ul
RT: 14.431 min Scan# 2483
Delta R.T. -0.001 min
Lab File: BN022903.D
Acq: 27 Nov 2022 05:07

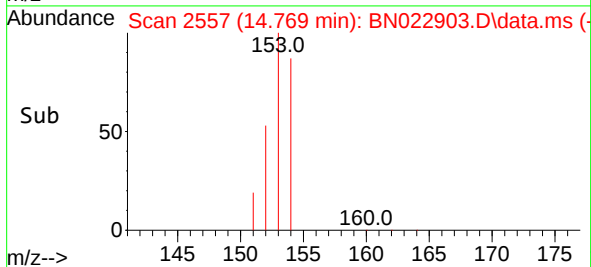
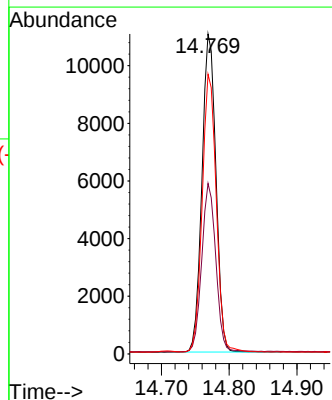
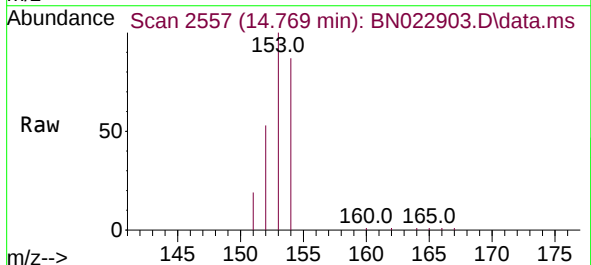
Instrument :
BNA_N
ClientSampleId :
SLCS071

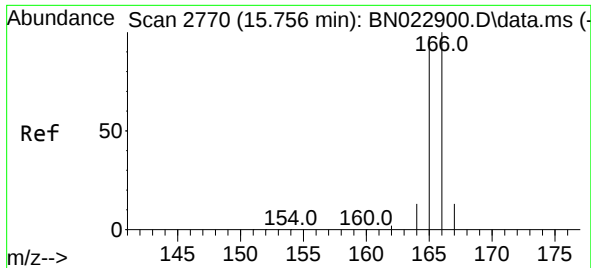
Tgt Ion:152 Resp: 19248
Ion Ratio Lower Upper
152 100
151 20.3 16.0 24.0
153 13.2 10.5 15.7



#11
Acenaphthene
Concen: 0.295 ng/ul
RT: 14.769 min Scan# 2557
Delta R.T. -0.006 min
Lab File: BN022903.D
Acq: 27 Nov 2022 05:07

Tgt Ion:153 Resp: 15788
Ion Ratio Lower Upper
153 100
152 53.3 41.8 62.8
154 87.4 71.3 106.9

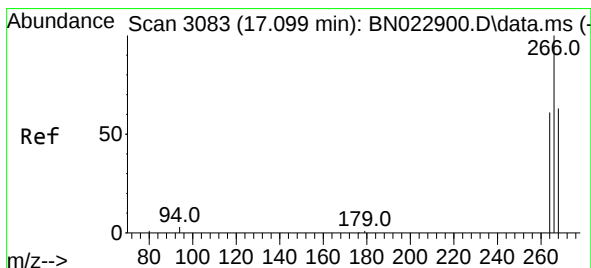
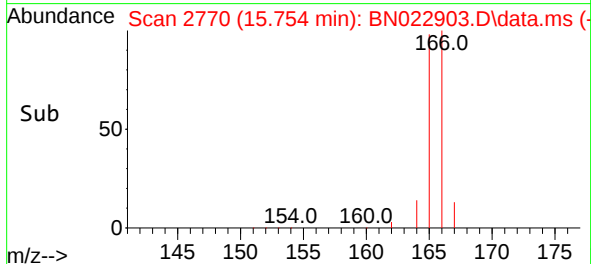
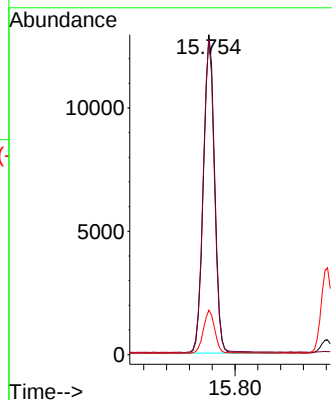
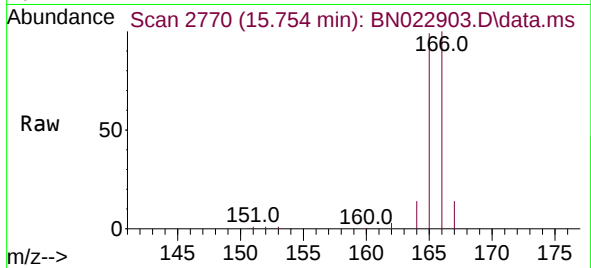




#12
Fluorene
Concen: 0.290 ng/ul
RT: 15.754 min Scan# 21
Delta R.T. -0.001 min
Lab File: BN022903.D
Acq: 27 Nov 2022 05:07

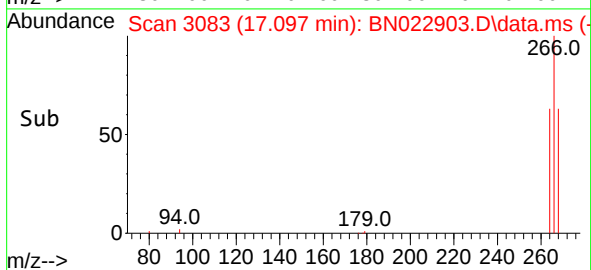
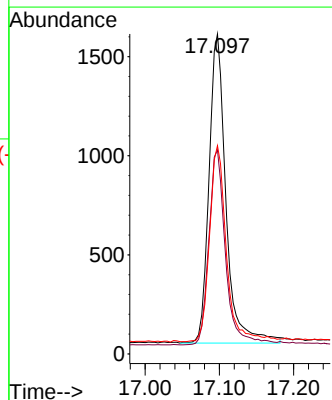
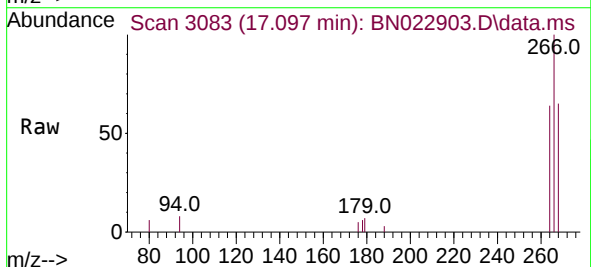
Instrument :
BNA_N
ClientSampleId :
SLCS071

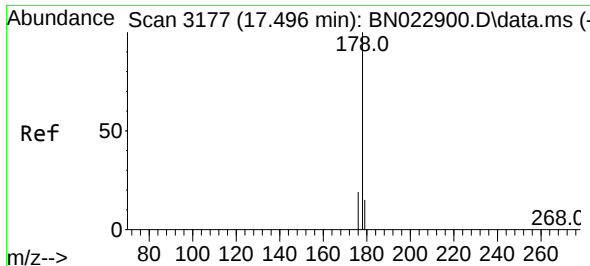
Tgt Ion:166	Resp:	17575
Ion	Ratio	Lower Upper
166	100	
165	98.6	78.7 118.1
167	13.9	10.8 16.2



#14
Pentachlorophenol
Concen: 0.424 ng/ul
RT: 17.097 min Scan# 3083
Delta R.T. -0.001 min
Lab File: BN022903.D
Acq: 27 Nov 2022 05:07

Tgt Ion:266	Resp:	2477
Ion	Ratio	Lower Upper
266	100	
264	62.1	0.0 0.0#
268	63.0	0.0 0.0#

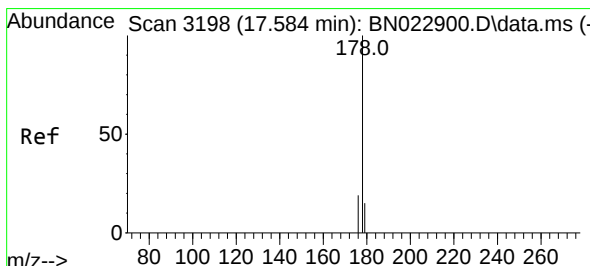
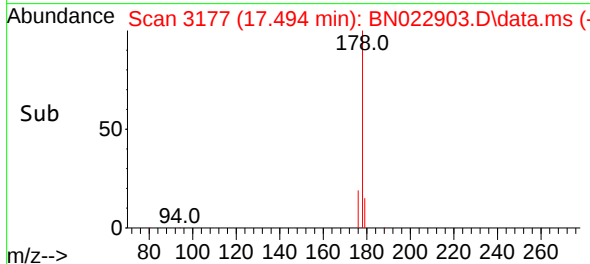
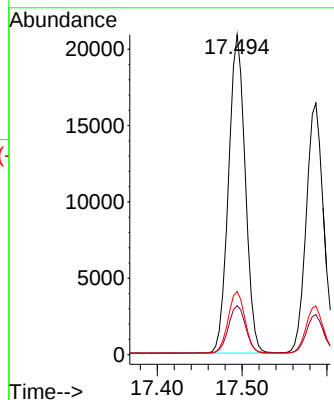
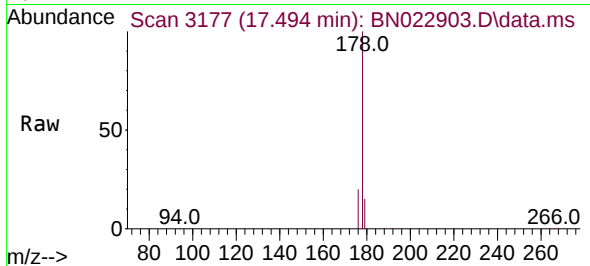




#15
Phenanthrene
Concen: 0.298 ng/ul
RT: 17.494 min Scan# 3177
Delta R.T. -0.001 min
Lab File: BN022903.D
Acq: 27 Nov 2022 05:07

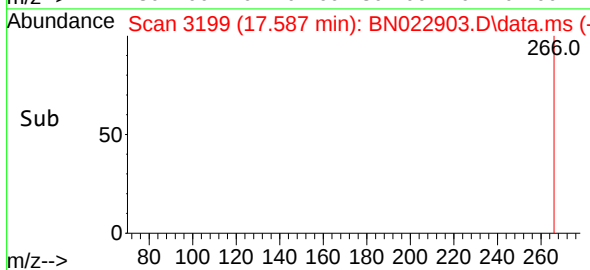
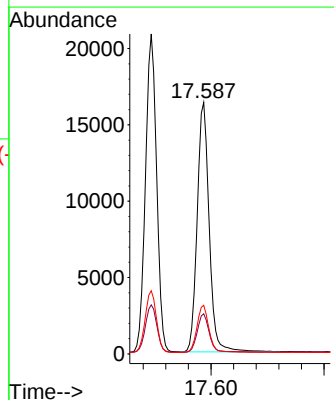
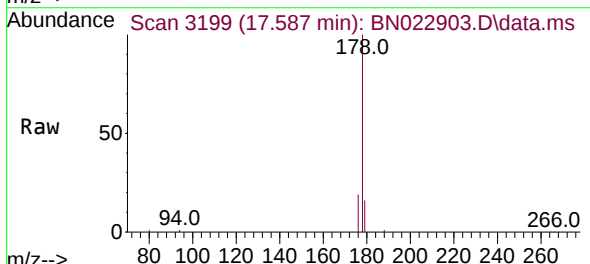
Instrument :
BNA_N
ClientSampleId :
SLCS071

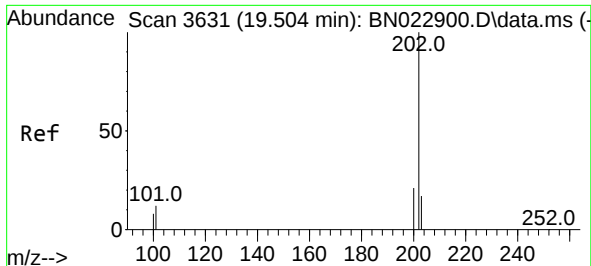
Tgt Ion:	178	Resp:	28542
Ion Ratio	Lower	Upper	
178	100		
179	15.3	12.5	18.7
176	19.7	15.9	23.9



#16
Anthracene
Concen: 0.292 ng/ul
RT: 17.587 min Scan# 3199
Delta R.T. -0.001 min
Lab File: BN022903.D
Acq: 27 Nov 2022 05:07

Tgt Ion:	178	Resp:	24001
Ion Ratio	Lower	Upper	
178	100		
179	15.9	12.6	18.8
176	19.3	15.3	22.9

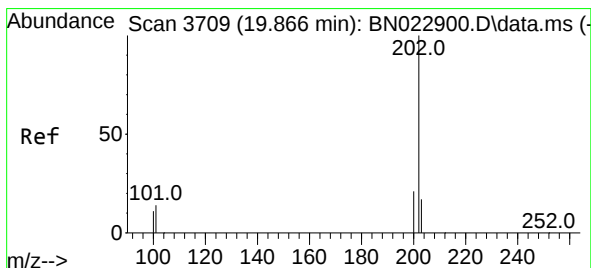
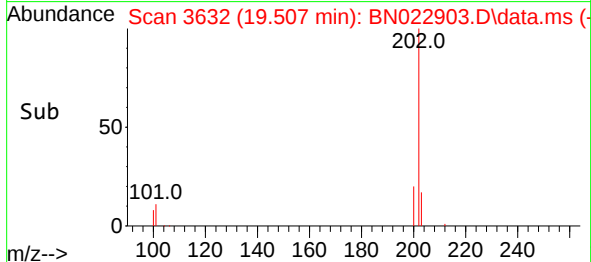
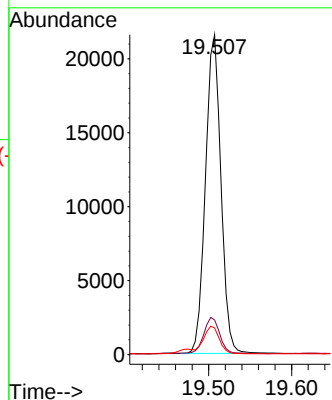
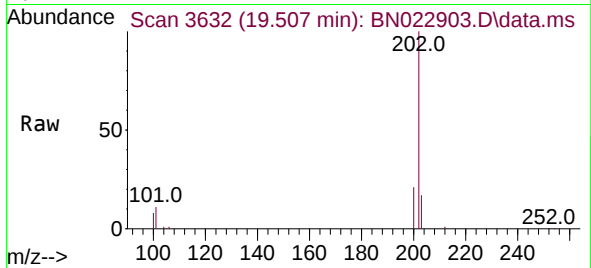




#19
Fluoranthene
Concen: 0.320 ng/ul
RT: 19.507 min Scan# 3631
Delta R.T. -0.001 min
Lab File: BN022903.D
Acq: 27 Nov 2022 05:07

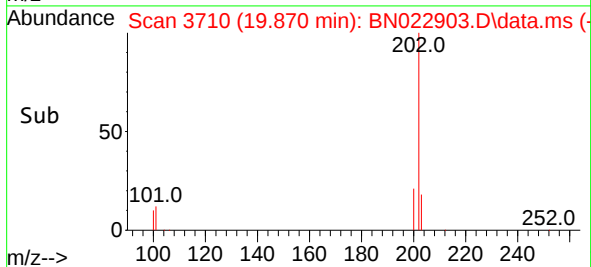
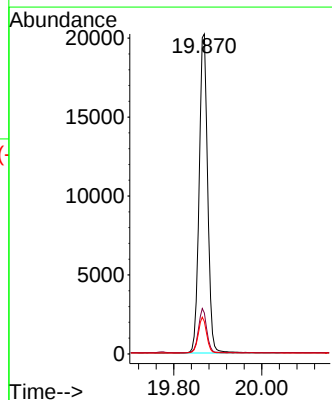
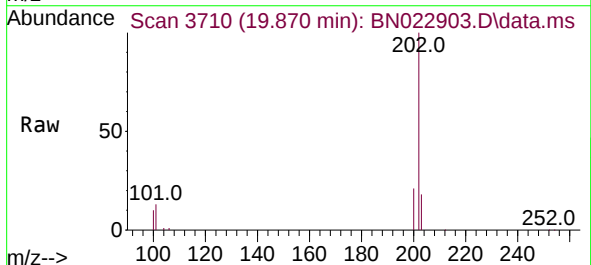
Instrument :
BNA_N
ClientSampleId :
SLCS071

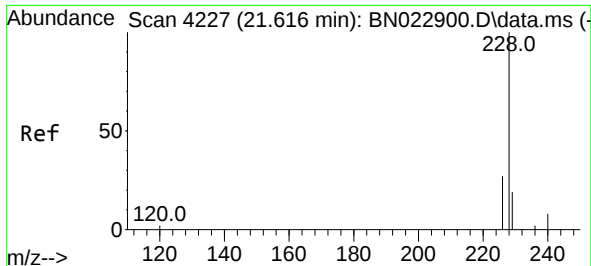
Tgt Ion:202 Resp: 27818
Ion Ratio Lower Upper
202 100
101 10.8 9.2 13.8
100 8.3 6.9 10.3



#20
Pyrene
Concen: 0.317 ng/ul
RT: 19.870 min Scan# 3710
Delta R.T. -0.001 min
Lab File: BN022903.D
Acq: 27 Nov 2022 05:07

Tgt Ion:202 Resp: 27032
Ion Ratio Lower Upper
202 100
101 12.8 10.6 16.0
100 10.1 8.2 12.4

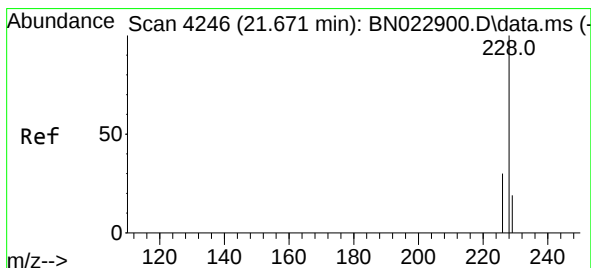
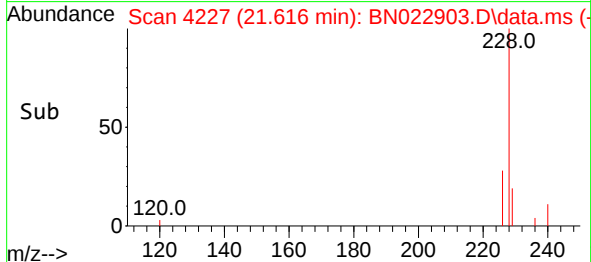
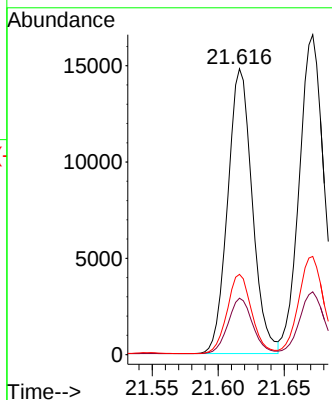
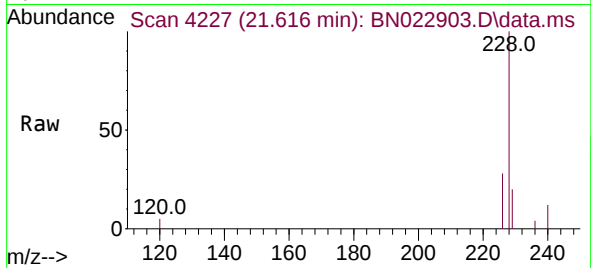




#21
Benzo(a)anthracene
Concen: 0.298 ng/ul
RT: 21.616 min Scan# 4227
Delta R.T. -0.003 min
Lab File: BN022903.D
Acq: 27 Nov 2022 05:07

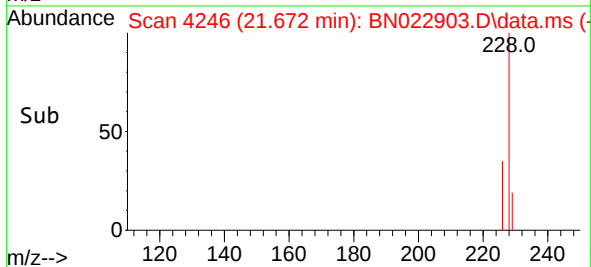
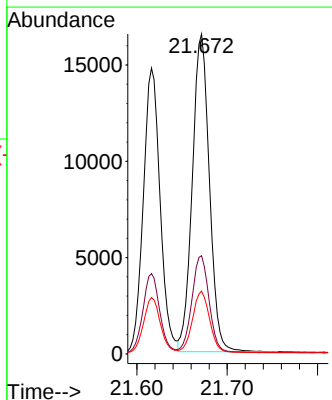
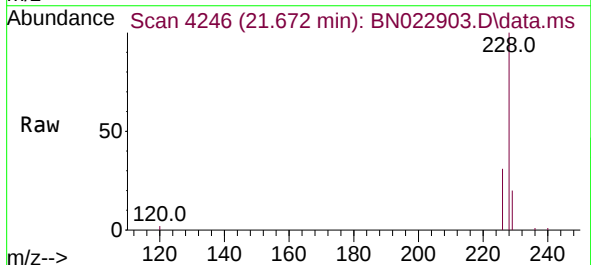
Instrument :
BNA_N
ClientSampleId :
SLCS071

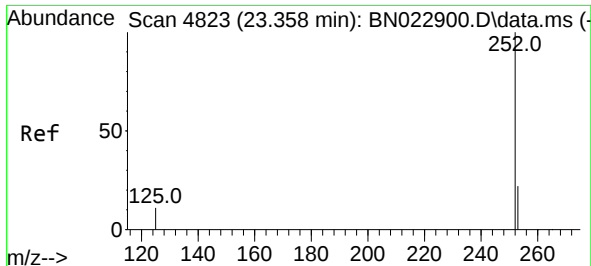
Tgt Ion:228	Resp:	19182
Ion Ratio	Lower	Upper
228	100	
229	19.7	15.5 23.3
226	28.1	22.2 33.4



#22
Chrysene
Concen: 0.307 ng/ul
RT: 21.672 min Scan# 4246
Delta R.T. -0.003 min
Lab File: BN022903.D
Acq: 27 Nov 2022 05:07

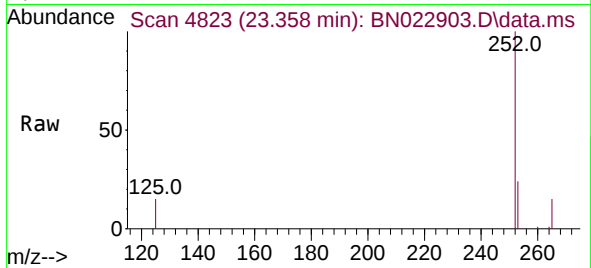
Tgt Ion:228	Resp:	21673
Ion Ratio	Lower	Upper
228	100	
226	30.7	24.6 37.0
229	19.6	15.8 23.8



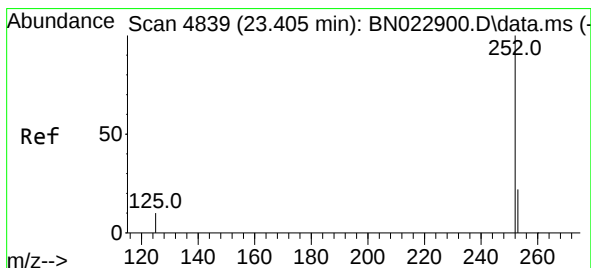
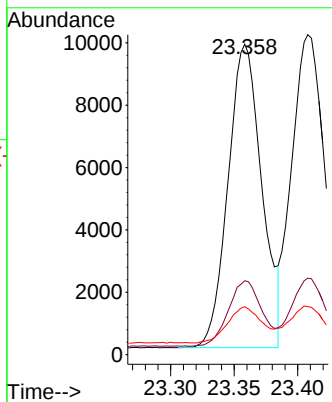


#24
Benzo(b)fluoranthene
Concen: 0.296 ng/ul
RT: 23.358 min Scan# 4823
Delta R.T. -0.006 min
Lab File: BN022903.D
Acq: 27 Nov 2022 05:07

Instrument :
BNA_N
ClientSampleId :
SLCS071

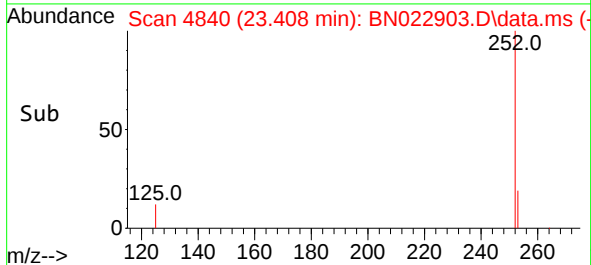
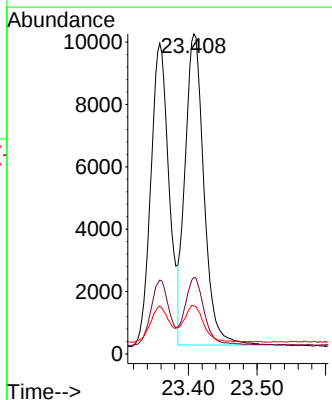
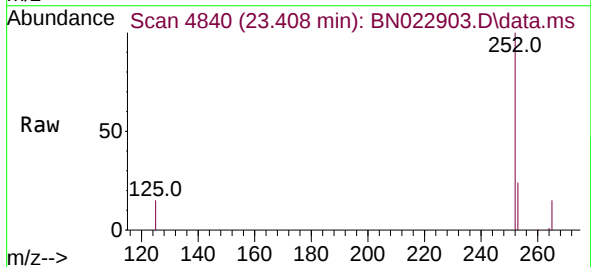


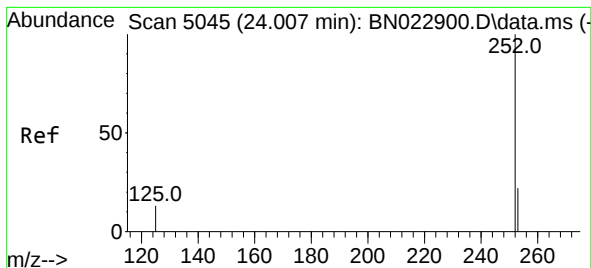
Tgt Ion:252 Resp: 17993
Ion Ratio Lower Upper
252 100
253 23.8 0.0 46.0
125 15.4 0.0 28.6



#25
Benzo(k)fluoranthene
Concen: 0.297 ng/ul
RT: 23.408 min Scan# 4840
Delta R.T. -0.006 min
Lab File: BN022903.D
Acq: 27 Nov 2022 05:07

Tgt Ion:252 Resp: 19030
Ion Ratio Lower Upper
252 100
253 23.9 18.7 28.1
125 15.0 11.3 16.9





#26

Benzo(a)pyrene

Concen: 0.290 ng/ul

RT: 24.007 min Scan# 5045

Delta R.T. -0.006 min

Lab File: BN022903.D

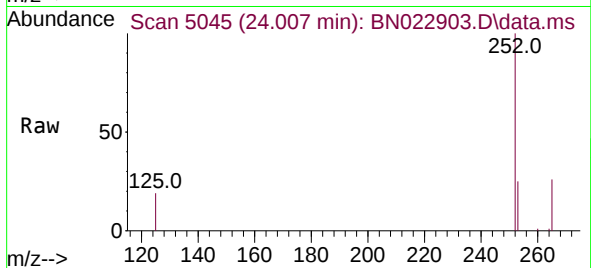
Acq: 27 Nov 2022 05:07

Instrument :

BNA_N

ClientSampleId :

SLCS071



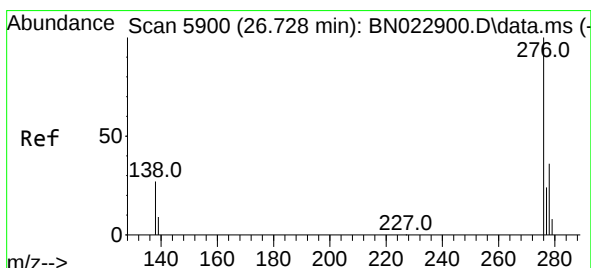
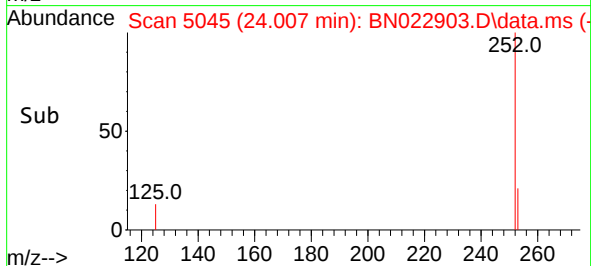
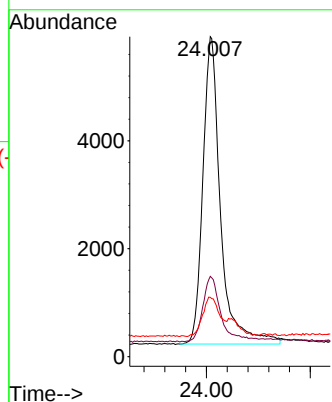
Tgt Ion:252 Resp: 13421

Ion Ratio Lower Upper

252 100

253 25.1 19.7 29.5

125 18.5 13.7 20.5



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.317 ng/ul

RT: 26.732 min Scan# 5901

Delta R.T. -0.010 min

Lab File: BN022903.D

Acq: 27 Nov 2022 05:07

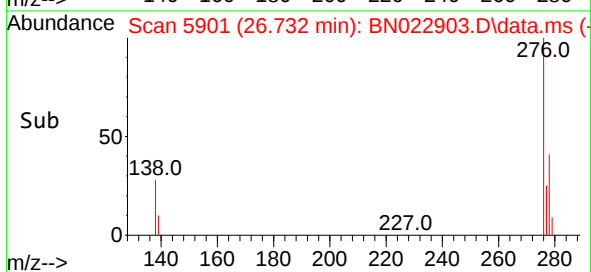
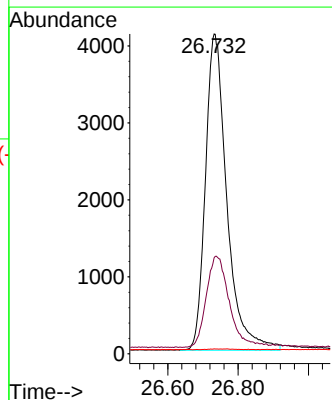
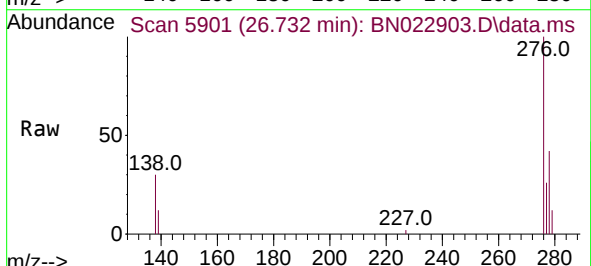
Tgt Ion:276 Resp: 17391

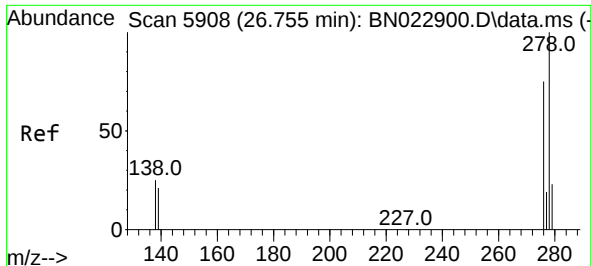
Ion Ratio Lower Upper

276 100

138 31.1 0.0 0.0#

227 0.1 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.325 ng/ul

RT: 26.758 min Scan# 5909

Delta R.T. -0.003 min

Lab File: BN022903.D

Acq: 27 Nov 2022 05:07

Instrument :

BNA_N

ClientSampleId :

SLCS071

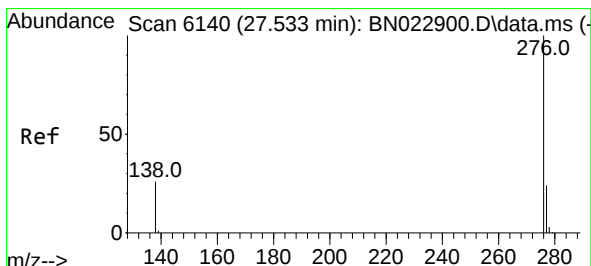
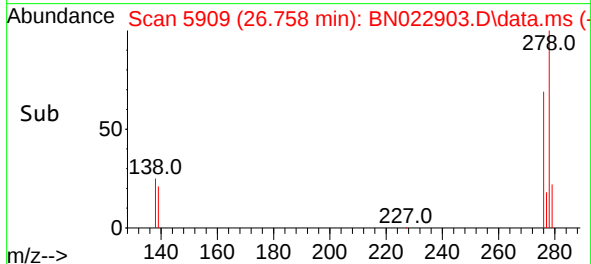
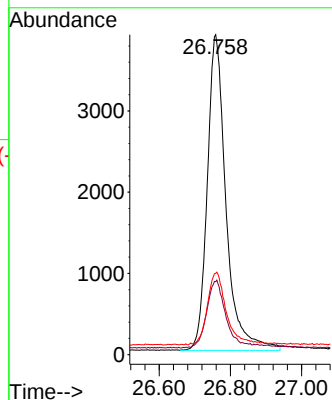
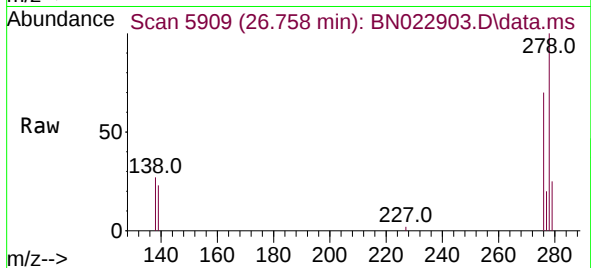
Tgt Ion:278 Resp: 14197

Ion Ratio Lower Upper

278 100

139 22.8 18.3 27.5

279 25.4 20.4 30.6



#29

Benzo(g,h,i)perylene

Concen: 0.316 ng/ul

RT: 27.533 min Scan# 6140

Delta R.T. -0.006 min

Lab File: BN022903.D

Acq: 27 Nov 2022 05:07

Tgt Ion:276 Resp: 15159

Ion Ratio Lower Upper

276 100

138 27.6 22.1 33.1

277 25.2 19.4 29.2

