

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071122\
 Data File : BN020705.D
 Acq On : 11 Jul 2022 16:38
 Operator : CG/JU
 Sample : PB146061BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS061

Quant Time: Jul 11 18:39:55 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 02 00:47:40 2022
 Response via : Initial Calibration

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

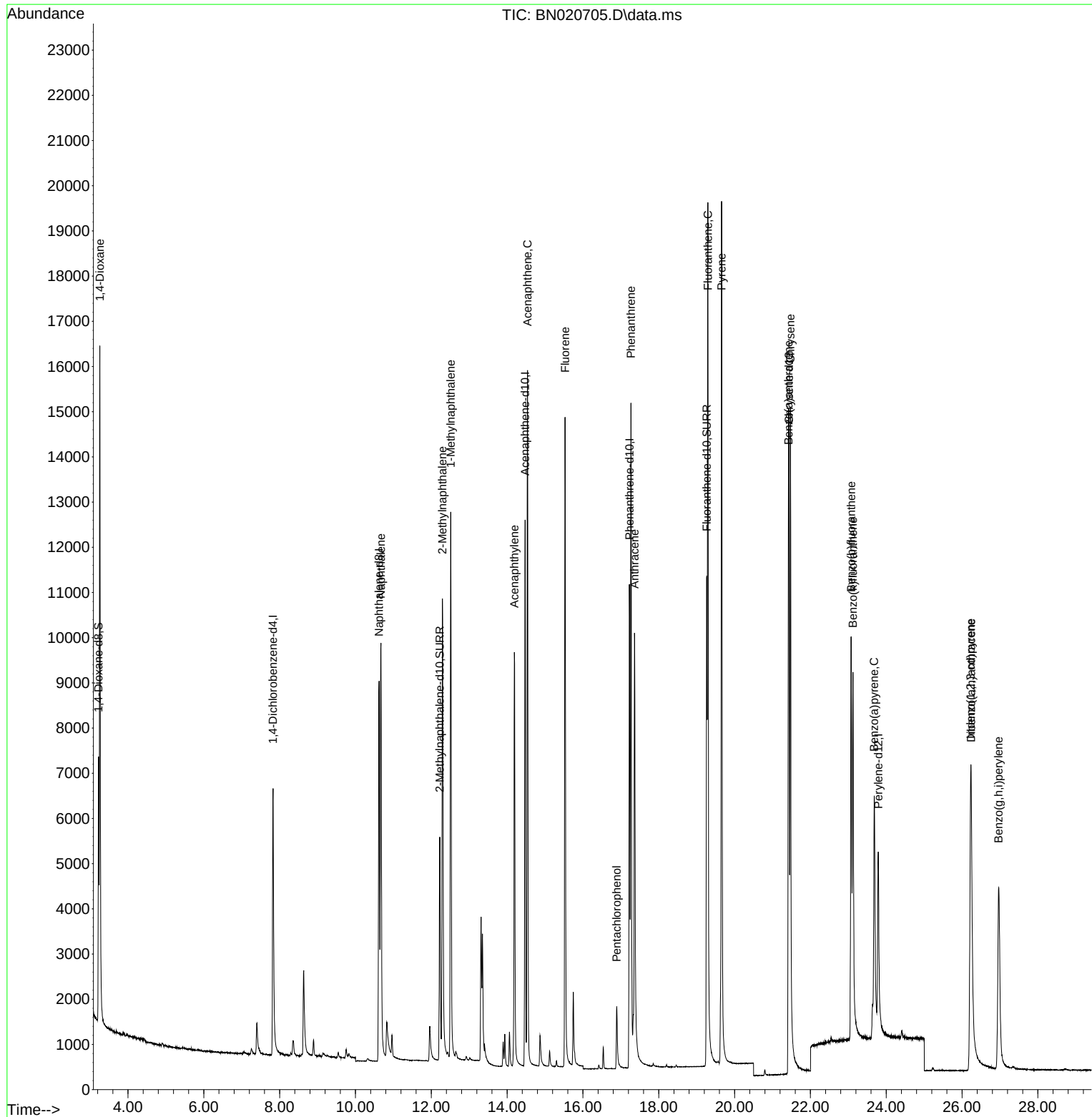
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.825	152	4128	0.400	ng/ul	0.00
4) Naphthalene-d8	10.623	136	13132	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.474	164	7054	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.226	188	13444	0.400	ng/ul	0.00
17) Chrysene-d12	21.435	240	9295	0.400	ng/ul	0.00
23) Perylene-d12	23.791	264	6445	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	3645	0.762	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.223	152	7537	0.350	ng/ul	0.00
18) Fluoranthene-d10	19.267	212	13701	0.447	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.256	88	9566	1.959	ng/ul#	79
5) Naphthalene	10.672	128	14705	0.363	ng/ul	99
7) 2-Methylnaphthalene	12.295	142	8893	0.328	ng/ul	99
8) 1-Methylnaphthalene	12.515	142	9477	0.368	ng/ul	100
10) Acenaphthylene	14.192	152	11900	0.356	ng/ul	100
11) Acenaphthene	14.539	153	9774	0.365	ng/ul	99
12) Fluorene	15.529	166	10623	0.335	ng/ul	100
14) Pentachlorophenol	16.892	266	1258	0.464	ng/ul	99
15) Phenanthrene	17.268	178	17199	0.368	ng/ul	100
16) Anthracene	17.361	178	13486	0.334	ng/ul	99
19) Fluoranthene	19.295	202	18383	0.433	ng/ul	99
20) Pyrene	19.657	202	18758	0.426	ng/ul	97
21) Benzo(a)anthracene	21.420	228	11685	0.350	ng/ul	100
22) Chrysene	21.473	228	14961	0.403	ng/ul	100
24) Benzo(b)fluoranthene	23.074	252	12361	0.414	ng/ul	98
25) Benzo(k)fluoranthene	23.121	252	13103	0.435	ng/ul	99
26) Benzo(a)pyrene	23.683	252	10646	0.393	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	26.225	276	11323	0.420	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.242	278	8915	0.409	ng/ul	97
29) Benzo(g,h,i)perylene	26.966	276	10503	0.454	ng/ul	99

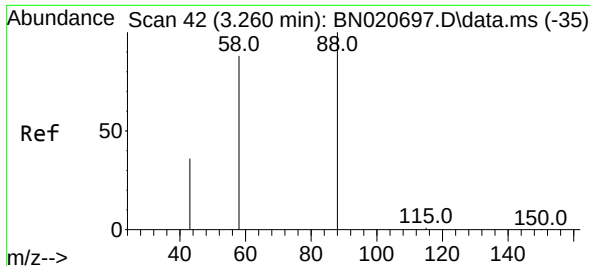
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071122\
Data File : BN020705.D
Acq On : 11 Jul 2022 16:38
Operator : CG/JU
Sample : PB146061BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS061

Quant Time: Jul 11 18:39:55 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 02 00:47:40 2022
Response via : Initial Calibration

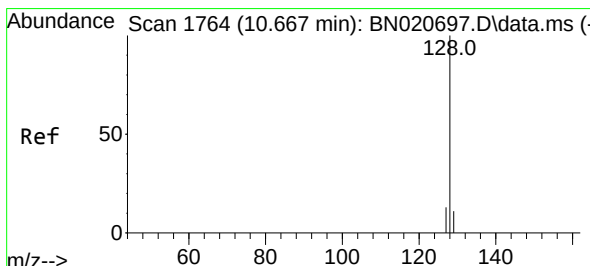
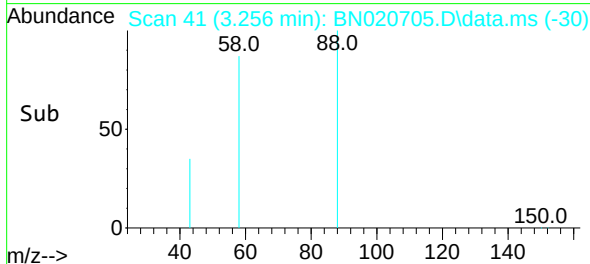
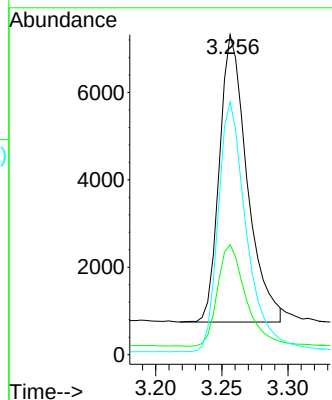
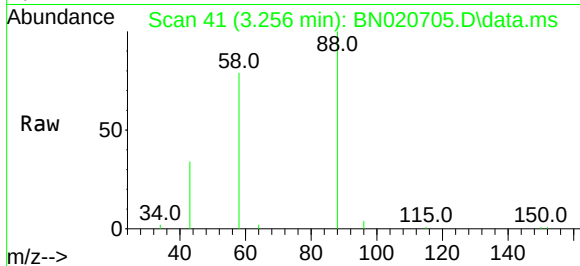




#2
 1,4-Dioxane
 Concen: 1.959 ng/ul
 RT: 3.256 min Scan# 41
 Delta R.T. -0.004 min
 Lab File: BN020705.D
 Acq: 11 Jul 2022 16:38

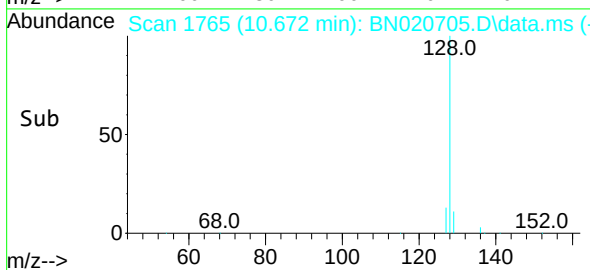
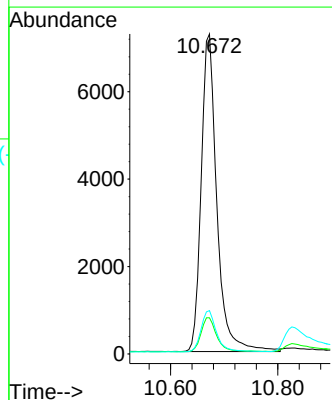
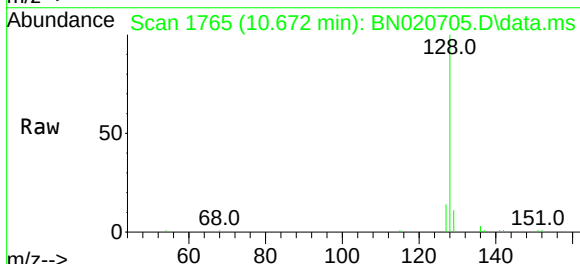
Instrument :
 BNA_N
 ClientSampleId :
 SLCS061

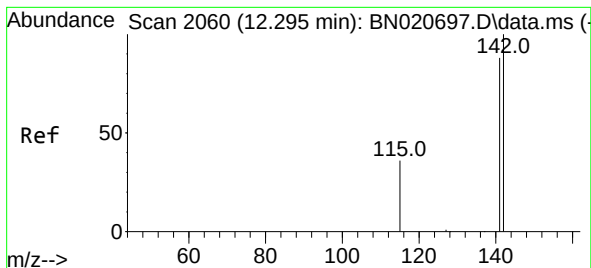
Tgt Ion: 88 Resp: 9566
 Ion Ratio Lower Upper
 88 100
 43 34.4 32.5 48.7
 58 79.0 46.2 69.2#



#5
 Naphthalene
 Concen: 0.363 ng/ul
 RT: 10.672 min Scan# 1765
 Delta R.T. -0.005 min
 Lab File: BN020705.D
 Acq: 11 Jul 2022 16:38

Tgt Ion: 128 Resp: 14705
 Ion Ratio Lower Upper
 128 100
 129 11.3 9.5 14.3
 127 13.6 11.3 16.9

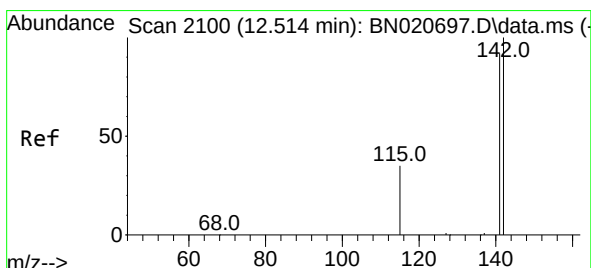
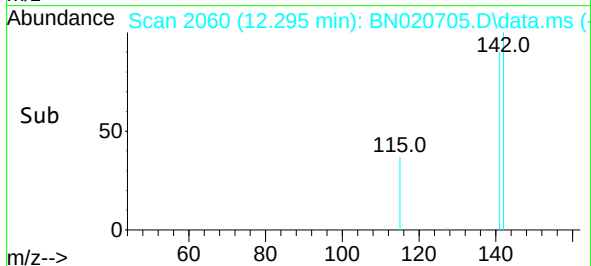
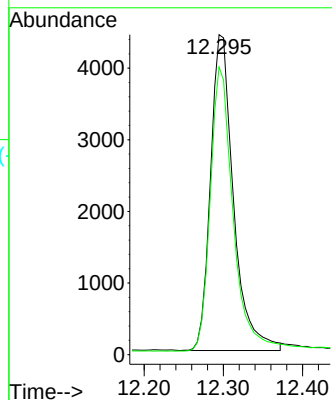
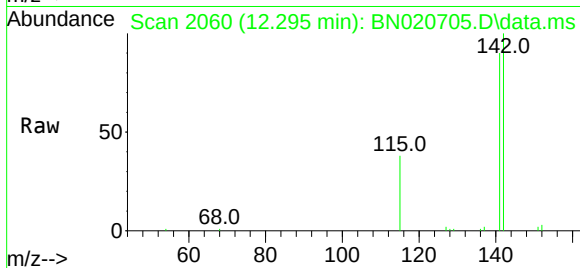




#7
2-Methylnaphthalene
Concen: 0.328 ng/ul
RT: 12.295 min Scan# 2060
Delta R.T. -0.005 min
Lab File: BN020705.D
Acq: 11 Jul 2022 16:38

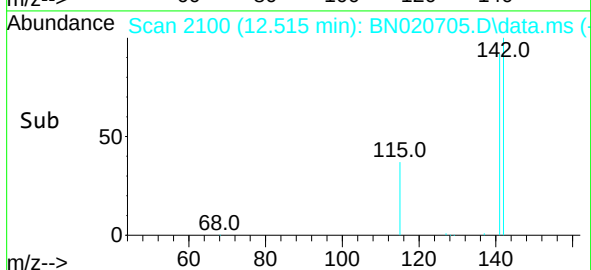
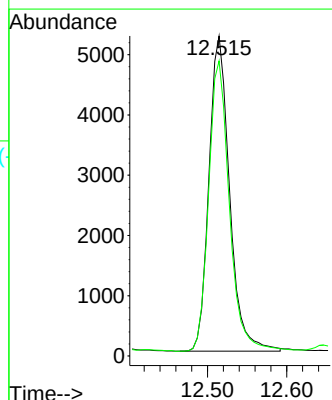
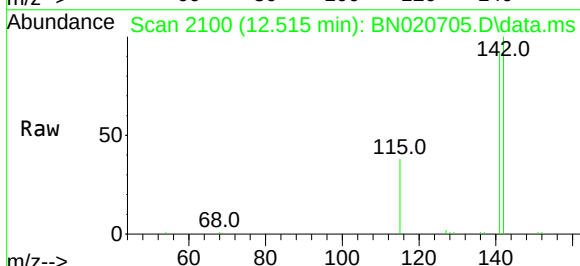
Instrument :
BNA_N
ClientSampleId :
SLCS061

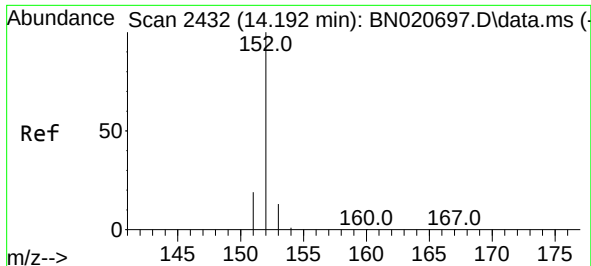
Tgt Ion:142 Resp: 8893
Ion Ratio Lower Upper
142 100
141 89.1 72.1 108.1



#8
1-Methylnaphthalene
Concen: 0.368 ng/ul
RT: 12.515 min Scan# 2100
Delta R.T. -0.005 min
Lab File: BN020705.D
Acq: 11 Jul 2022 16:38

Tgt Ion:142 Resp: 9477
Ion Ratio Lower Upper
142 100
141 92.3 73.7 110.5

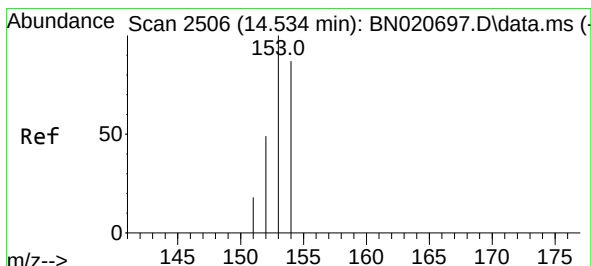
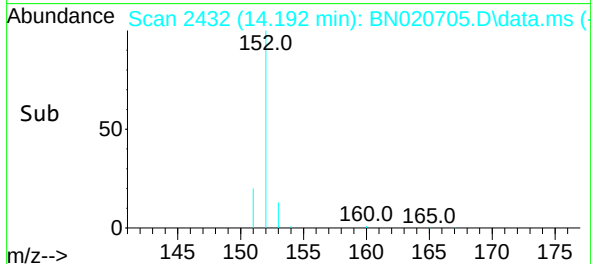
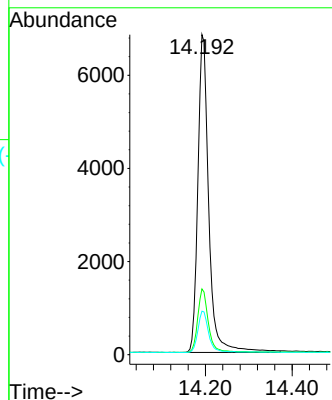
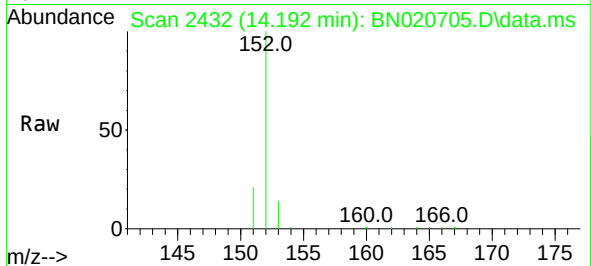




#10
Acenaphthylene
Concen: 0.356 ng/ul
RT: 14.192 min Scan# 2432
Delta R.T. -0.009 min
Lab File: BN020705.D
Acq: 11 Jul 2022 16:38

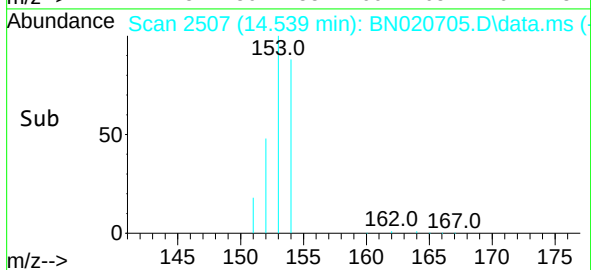
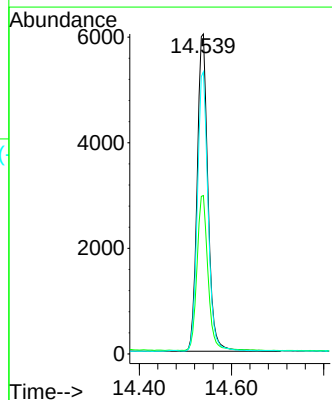
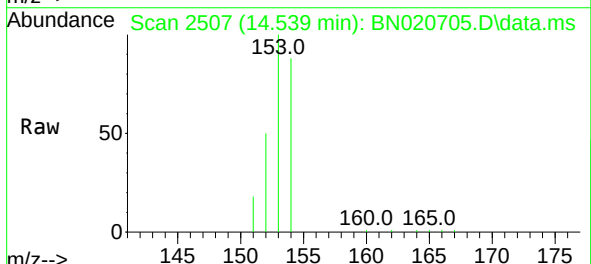
Instrument :
BNA_N
ClientSampleId :
SLCS061

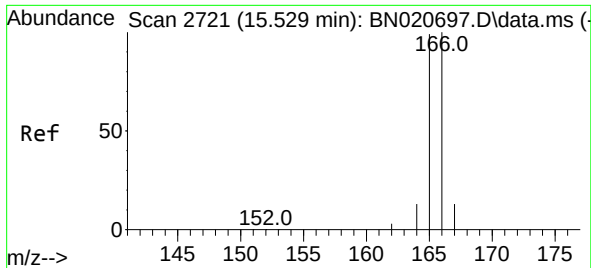
Tgt Ion:152 Resp: 11900
Ion Ratio Lower Upper
152 100
151 20.6 16.5 24.7
153 13.6 11.1 16.7



#11
Acenaphthene
Concen: 0.365 ng/ul
RT: 14.539 min Scan# 2507
Delta R.T. -0.005 min
Lab File: BN020705.D
Acq: 11 Jul 2022 16:38

Tgt Ion:153 Resp: 9774
Ion Ratio Lower Upper
153 100
152 49.5 40.0 60.0
154 88.2 70.0 105.0

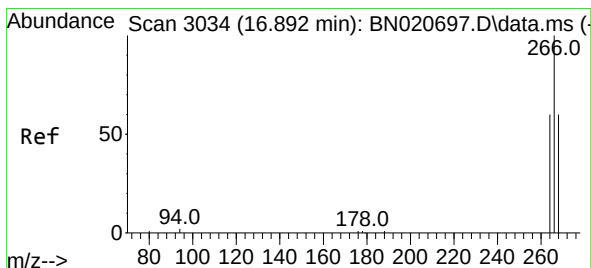
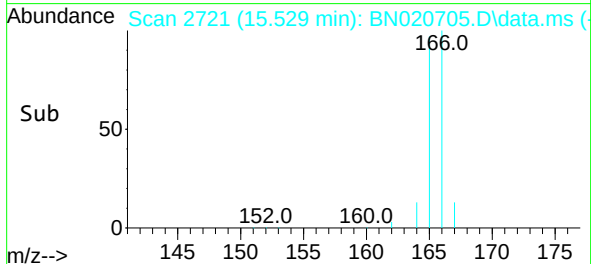
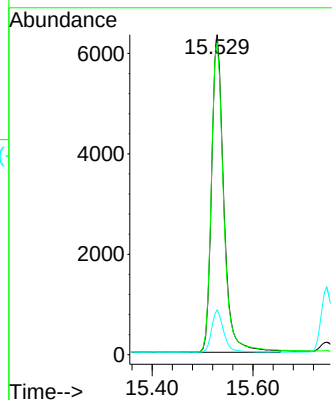
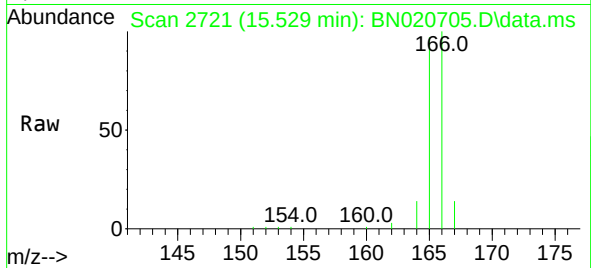




#12
Fluorene
Concen: 0.335 ng/ul
RT: 15.529 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN020705.D
Acq: 11 Jul 2022 16:38

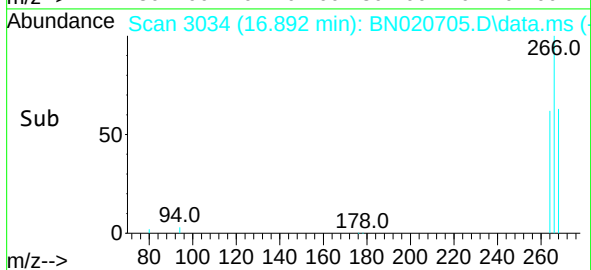
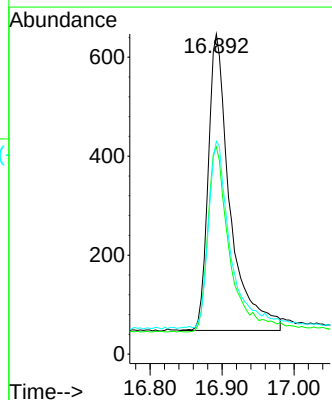
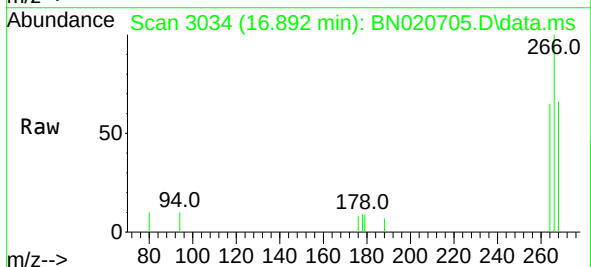
Instrument :
BNA_N
ClientSampleId :
SLCS061

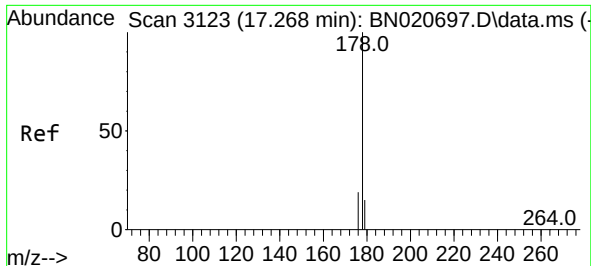
Tgt Ion:166 Resp: 10623
Ion Ratio Lower Upper
166 100
165 97.4 78.2 117.2
167 14.0 11.3 16.9



#14
Pentachlorophenol
Concen: 0.464 ng/ul
RT: 16.892 min Scan# 3034
Delta R.T. -0.013 min
Lab File: BN020705.D
Acq: 11 Jul 2022 16:38

Tgt Ion:266 Resp: 1258
Ion Ratio Lower Upper
266 100
264 62.7 51.6 77.4
268 64.4 51.5 77.3

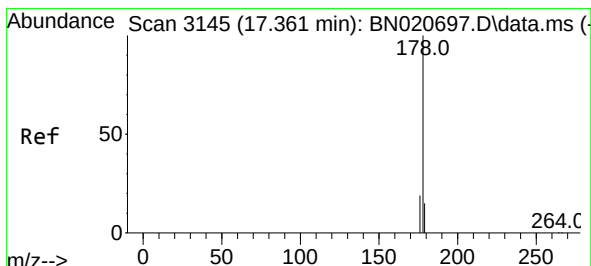
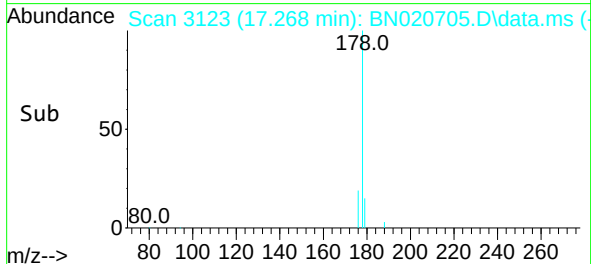
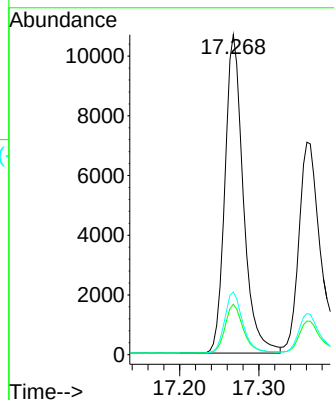
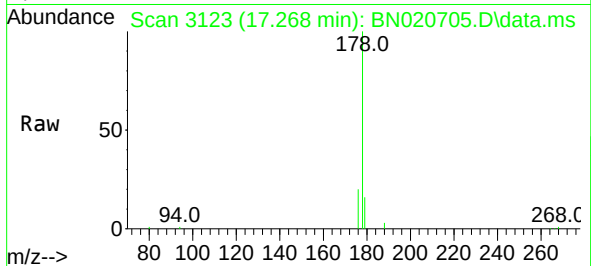




#15
Phenanthrene
Concen: 0.368 ng/ul
RT: 17.268 min Scan# 3123
Delta R.T. -0.008 min
Lab File: BN020705.D
Acq: 11 Jul 2022 16:38

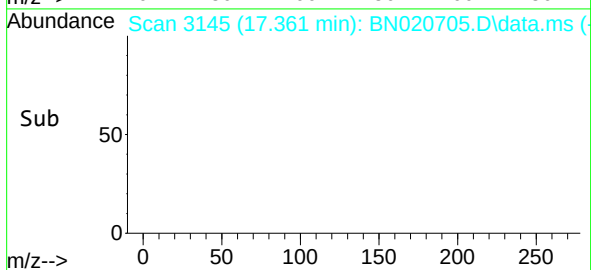
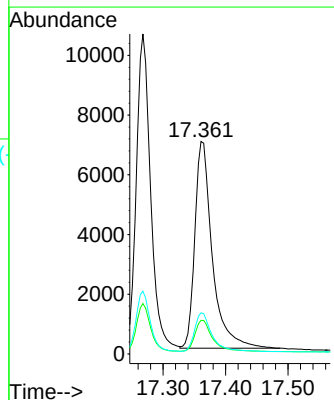
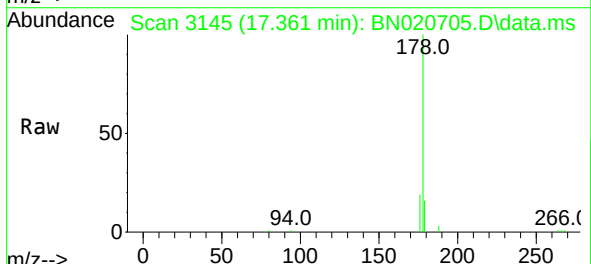
Instrument :
BNA_N
ClientSampleId :
SLCS061

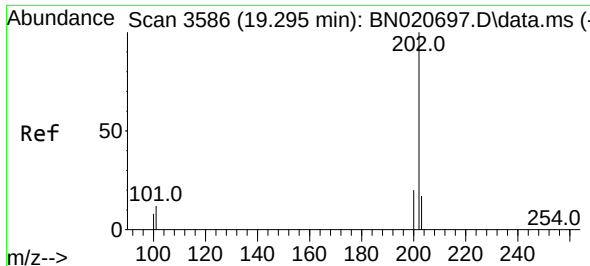
Tgt Ion:178 Resp: 17199
Ion Ratio Lower Upper
178 100
179 15.7 12.6 18.8
176 19.6 15.8 23.6



#16
Anthracene
Concen: 0.334 ng/ul
RT: 17.361 min Scan# 3145
Delta R.T. -0.008 min
Lab File: BN020705.D
Acq: 11 Jul 2022 16:38

Tgt Ion:178 Resp: 13486
Ion Ratio Lower Upper
178 100
179 15.8 12.8 19.2
176 19.4 15.2 22.8

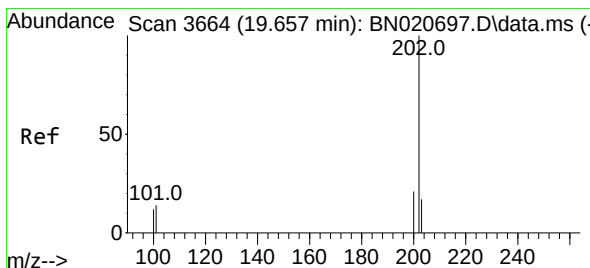
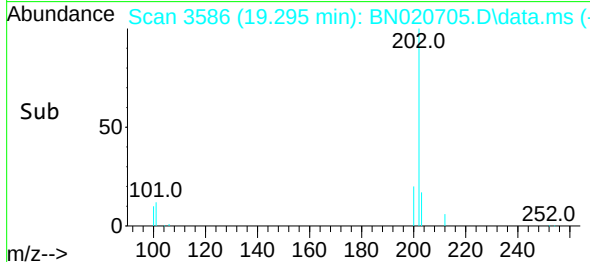
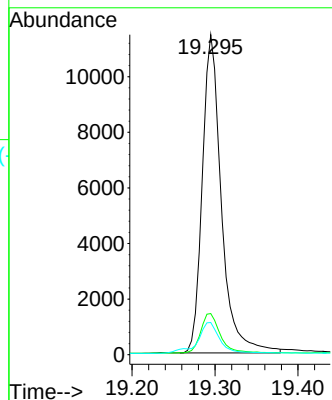
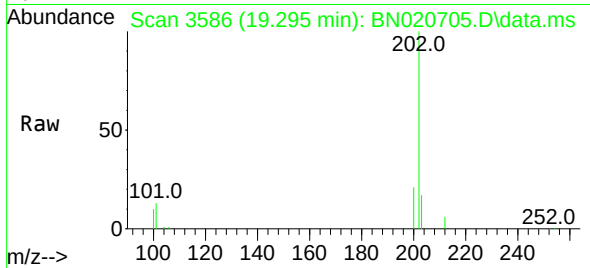




#19
Fluoranthene
Concen: 0.433 ng/ul
RT: 19.295 min Scan# 3586
Delta R.T. -0.009 min
Lab File: BN020705.D
Acq: 11 Jul 2022 16:38

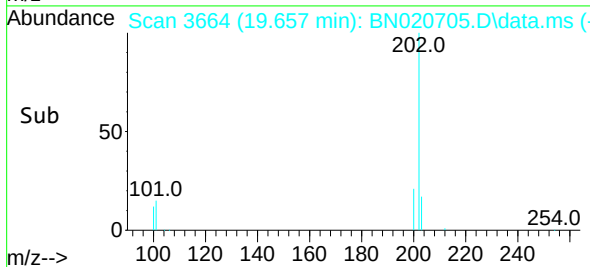
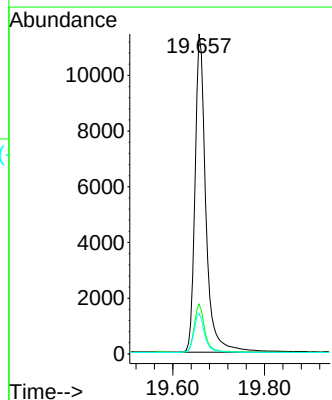
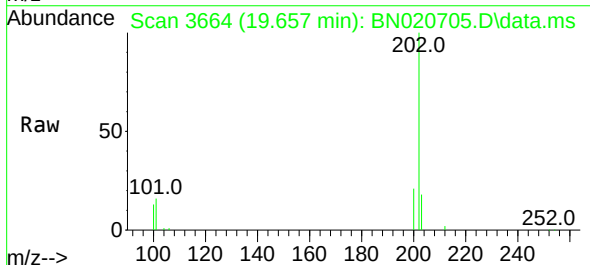
Instrument :
BNA_N
ClientSampleId :
SLCS061

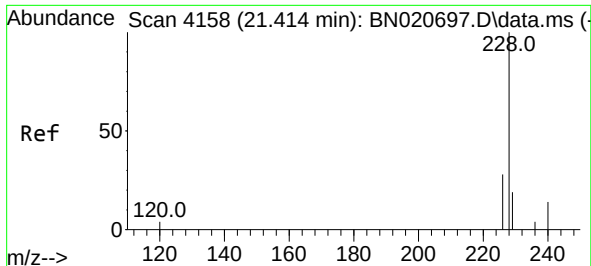
Tgt Ion:202 Resp: 18383
Ion Ratio Lower Upper
202 100
101 12.8 10.3 15.5
100 10.1 7.8 11.6



#20
Pyrene
Concen: 0.426 ng/ul
RT: 19.657 min Scan# 3664
Delta R.T. -0.009 min
Lab File: BN020705.D
Acq: 11 Jul 2022 16:38

Tgt Ion:202 Resp: 18758
Ion Ratio Lower Upper
202 100
101 15.6 11.6 17.4
100 12.7 9.2 13.8

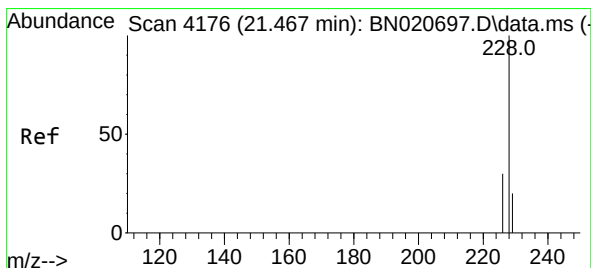
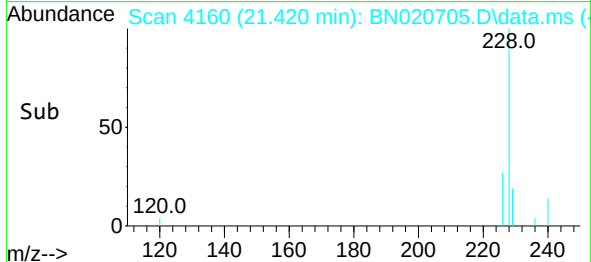
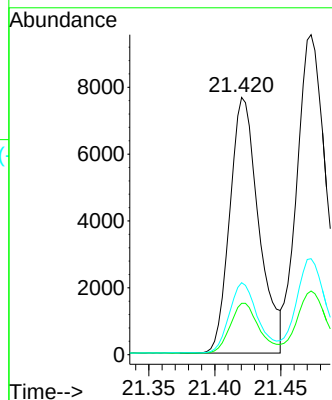
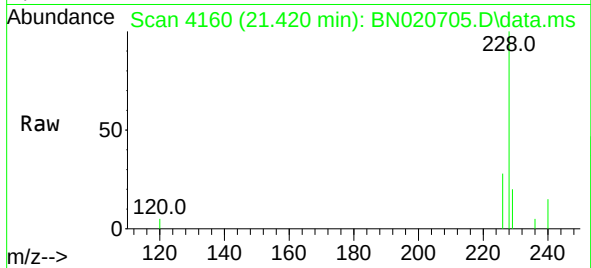




#21
Benzo(a)anthracene
Concen: 0.350 ng/ul
RT: 21.420 min Scan# 4158
Delta R.T. -0.009 min
Lab File: BN020705.D
Acq: 11 Jul 2022 16:38

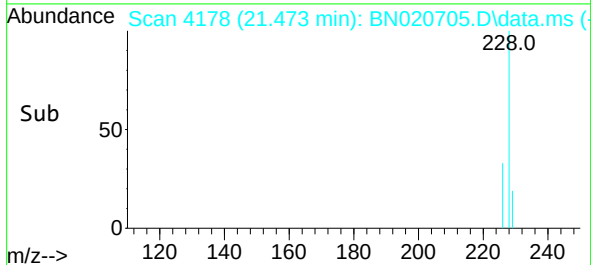
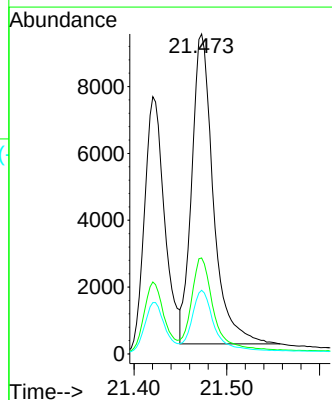
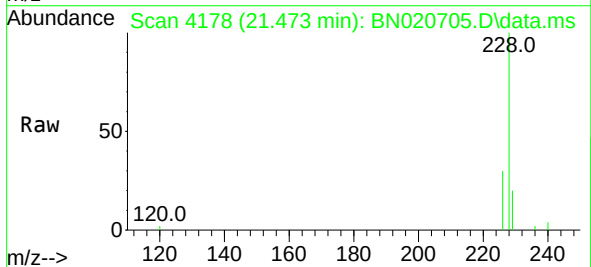
Instrument :
BNA_N
ClientSampleId :
SLCS061

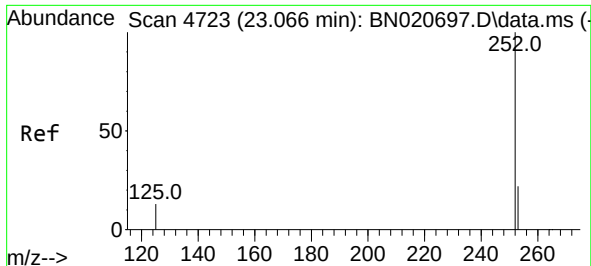
Tgt Ion:228 Resp: 11685
Ion Ratio Lower Upper
228 100
229 20.0 15.9 23.9
226 28.0 22.2 33.2



#22
Chrysene
Concen: 0.403 ng/ul
RT: 21.473 min Scan# 4178
Delta R.T. -0.006 min
Lab File: BN020705.D
Acq: 11 Jul 2022 16:38

Tgt Ion:228 Resp: 14961
Ion Ratio Lower Upper
228 100
226 30.0 23.9 35.9
229 19.9 15.8 23.8

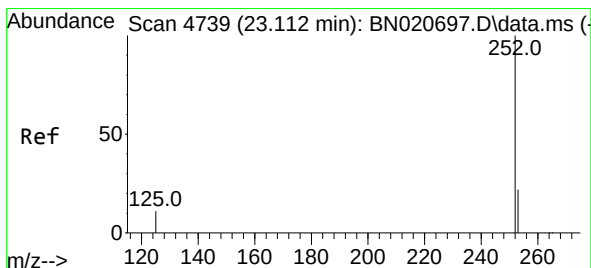
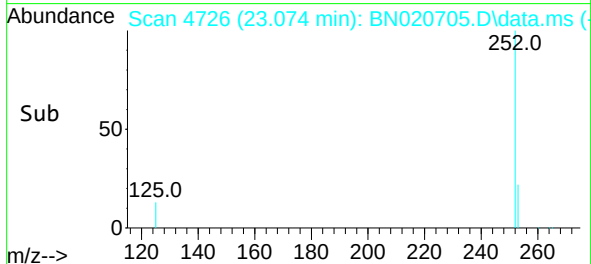
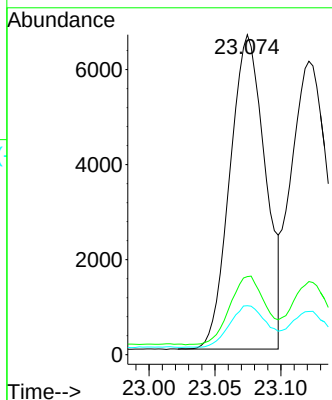
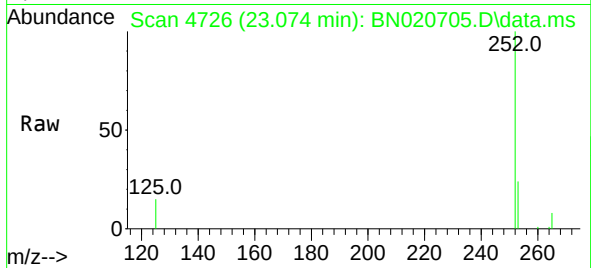




#24
Benzo(b)fluoranthene
Concen: 0.414 ng/ul
RT: 23.074 min Scan# 4726
Delta R.T. -0.009 min
Lab File: BN020705.D
Acq: 11 Jul 2022 16:38

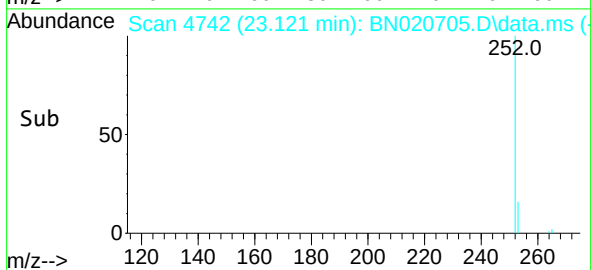
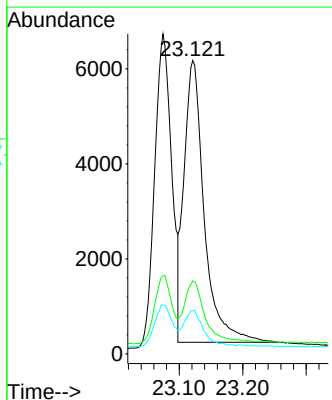
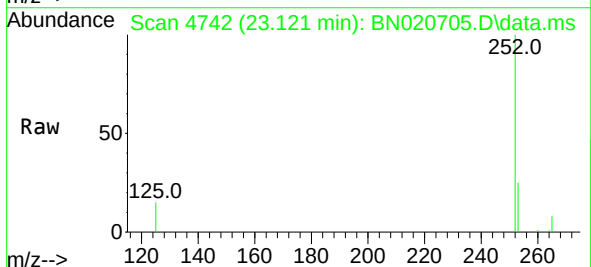
Instrument :
BNA_N
ClientSampleId :
SLCS061

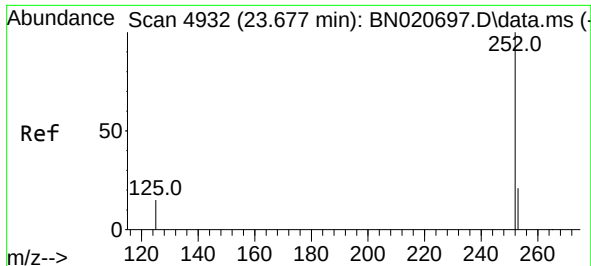
Tgt Ion:252 Resp: 12361
Ion Ratio Lower Upper
252 100
253 24.4 0.0 48.6
125 15.3 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.435 ng/ul
RT: 23.121 min Scan# 4742
Delta R.T. -0.009 min
Lab File: BN020705.D
Acq: 11 Jul 2022 16:38

Tgt Ion:252 Resp: 13103
Ion Ratio Lower Upper
252 100
253 24.9 19.7 29.5
125 14.7 12.0 18.0

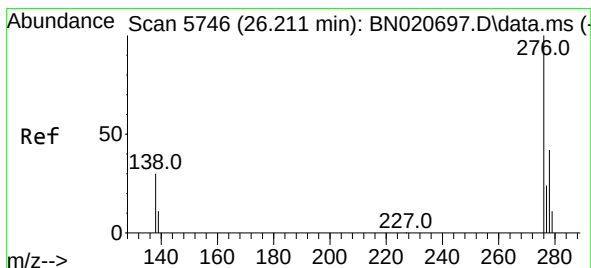
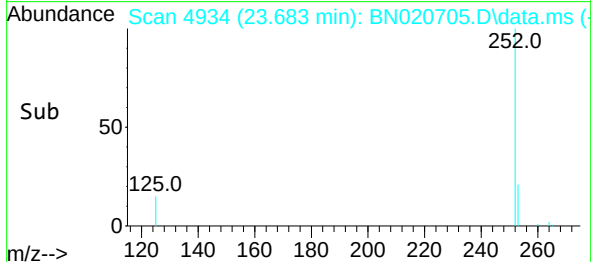
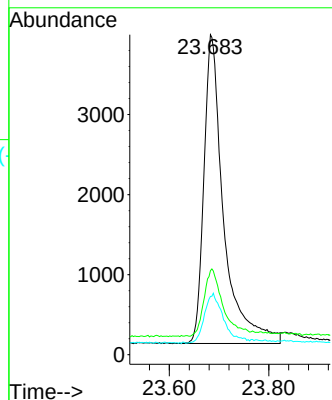
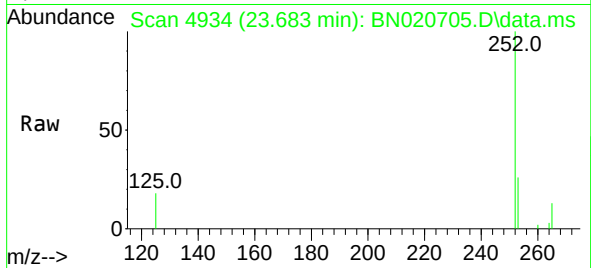




#26
Benzo(a)pyrene
Concen: 0.393 ng/ul
RT: 23.683 min Scan# 4934
Delta R.T. -0.015 min
Lab File: BN020705.D
Acq: 11 Jul 2022 16:38

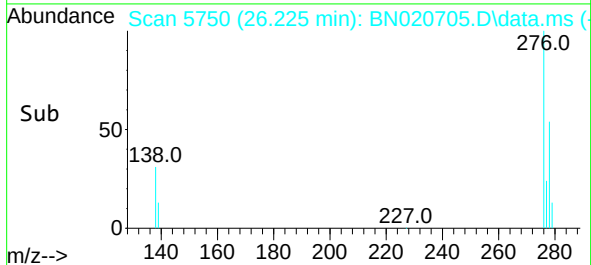
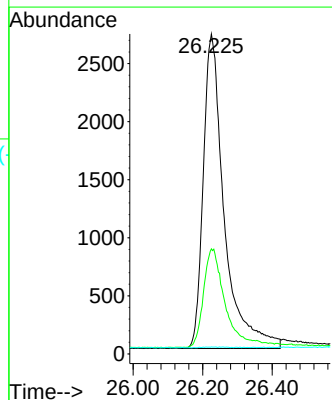
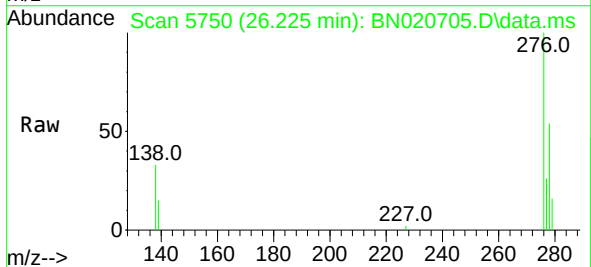
Instrument :
BNA_N
ClientSampleId :
SLCS061

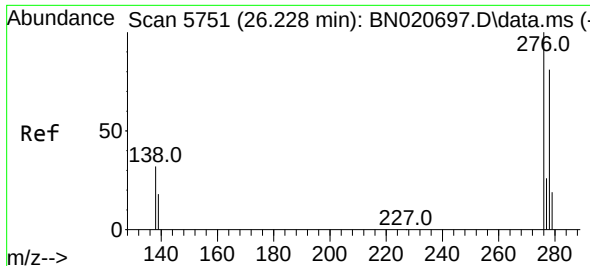
Tgt Ion:252 Resp: 10646
Ion Ratio Lower Upper
252 100
253 26.2 21.0 31.4
125 18.2 18.8 28.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.420 ng/ul
RT: 26.225 min Scan# 5750
Delta R.T. -0.020 min
Lab File: BN020705.D
Acq: 11 Jul 2022 16:38

Tgt Ion:276 Resp: 11323
Ion Ratio Lower Upper
276 100
138 33.2 27.4 41.2
227 0.1 0.2 0.2#

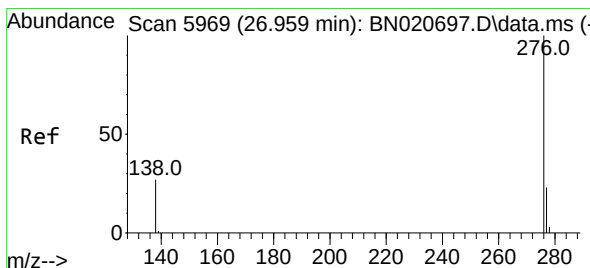
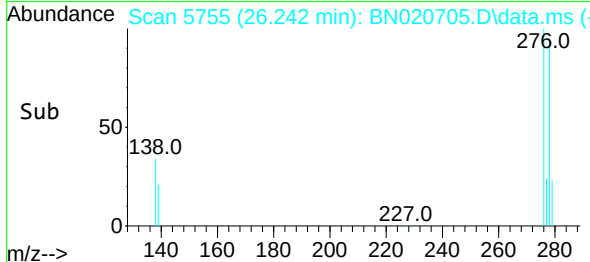
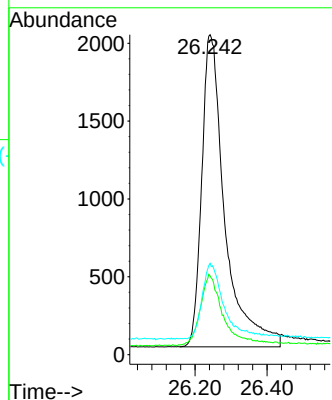
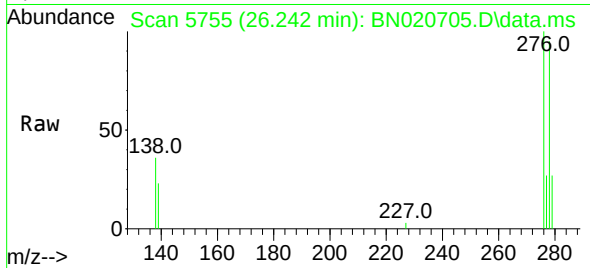




#28
Dibenzo(a,h)anthracene
Concen: 0.409 ng/ul
RT: 26.242 min Scan# 51
Delta R.T. -0.020 min
Lab File: BN020705.D
Acq: 11 Jul 2022 16:38

Instrument :
BNA_N
ClientSampleId :
SLCS061

Tgt Ion:278 Resp: 8915
Ion Ratio Lower Upper
278 100
139 24.6 18.8 28.2
279 28.5 21.4 32.0



#29
Benzo(g,h,i)perylene
Concen: 0.454 ng/ul
RT: 26.966 min Scan# 5971
Delta R.T. -0.023 min
Lab File: BN020705.D
Acq: 11 Jul 2022 16:38

Tgt Ion:276 Resp: 10503
Ion Ratio Lower Upper
276 100
138 30.3 23.5 35.3
277 24.8 20.1 30.1

