

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071122\
 Data File : BN020706.D
 Acq On : 11 Jul 2022 17:15
 Operator : CG/JU
 Sample : PB146063BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

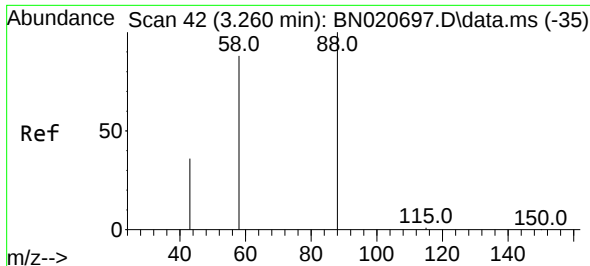
Instrument :
 BNA_N
 ClientSampleId :
 SLCS063

Quant Time: Jul 11 18:40:44 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	3960	0.400	ng/ul	0.00
4) Naphthalene-d8	10.623	136	12557	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.474	164	6740	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.225	188	12622	0.400	ng/ul	0.00
17) Chrysene-d12	21.433	240	8260	0.400	ng/ul	-0.01
23) Perylene-d12	23.789	264	5628	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	3690	0.804	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.223	152	7517	0.365	ng/ul	0.00
18) Fluoranthene-d10	19.267	212	13146	0.483	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.256	88	9472	2.022	ng/ul#	79
5) Naphthalene	10.672	128	14382	0.371	ng/ul	99
7) 2-Methylnaphthalene	12.294	142	8670	0.334	ng/ul	99
8) 1-Methylnaphthalene	12.514	142	9222	0.375	ng/ul	100
10) Acenaphthylene	14.192	152	11552	0.362	ng/ul	99
11) Acenaphthene	14.539	153	9470	0.370	ng/ul	99
12) Fluorene	15.529	166	10244	0.338	ng/ul	100
14) Pentachlorophenol	16.892	266	1033	0.406	ng/ul	99
15) Phenanthrene	17.268	178	16421	0.374	ng/ul	99
16) Anthracene	17.365	178	12792	0.338	ng/ul	100
19) Fluoranthene	19.295	202	17081	0.453	ng/ul	99
20) Pyrene	19.657	202	17392	0.444	ng/ul	97
21) Benzo(a)anthracene	21.422	228	10176	0.343	ng/ul	100
22) Chrysene	21.474	228	13486	0.408	ng/ul	100
24) Benzo(b)fluoranthene	23.073	252	11173	0.429	ng/ul	98
25) Benzo(k)fluoranthene	23.120	252	11498	0.437	ng/ul	99
26) Benzo(a)pyrene	23.687	252	9516	0.402	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.226	276	10387	0.441	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.243	278	8227	0.432	ng/ul	98
29) Benzo(g,h,i)perylene	26.968	276	9616	0.476	ng/ul	100

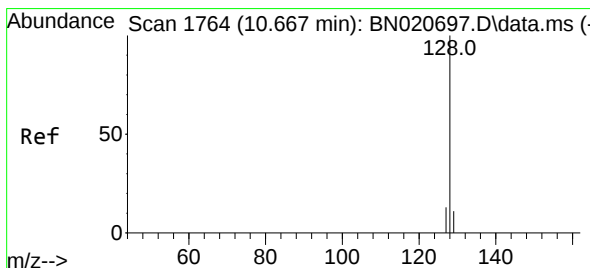
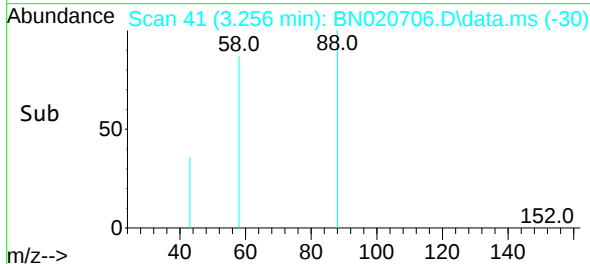
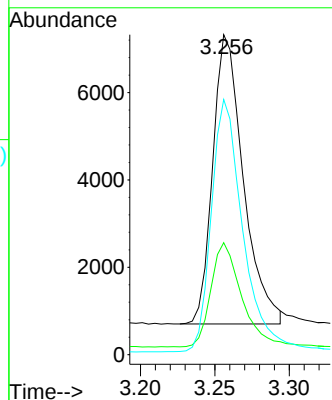
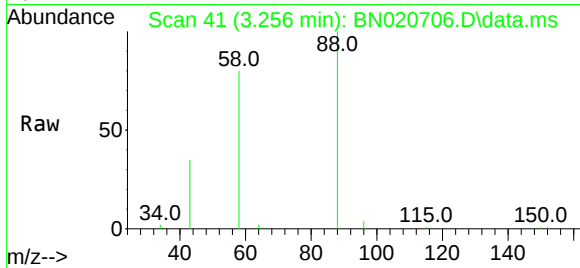
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 1,4-Dioxane
 Concen: 2.022 ng/ul
 RT: 3.256 min Scan# 41
 Delta R.T. -0.004 min
 Lab File: BN020706.D
 Acq: 11 Jul 2022 17:15

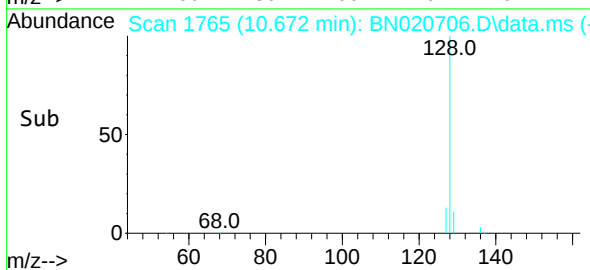
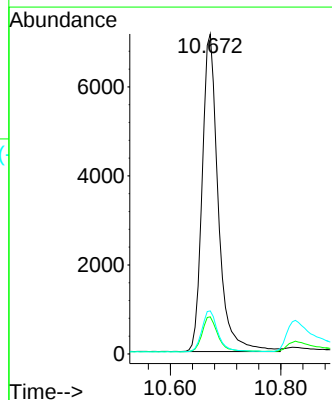
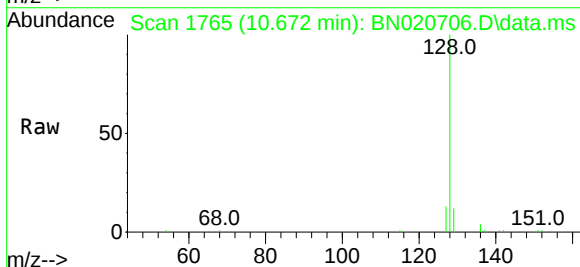
Instrument :
 BNA_N
 ClientSampleId :
 SLCS063

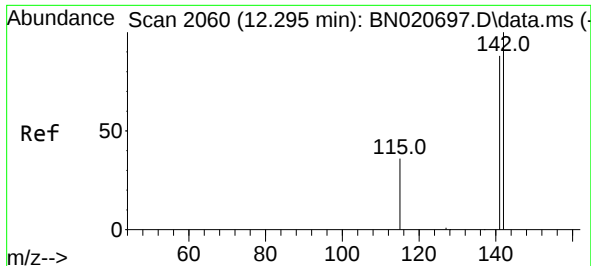
Tgt Ion: 88 Resp: 9472
 Ion Ratio Lower Upper
 88 100
 43 35.0 32.5 48.7
 58 79.7 46.2 69.2#



#5
 Naphthalene
 Concen: 0.371 ng/ul
 RT: 10.672 min Scan# 1765
 Delta R.T. -0.006 min
 Lab File: BN020706.D
 Acq: 11 Jul 2022 17:15

Tgt Ion: 128 Resp: 14382
 Ion Ratio Lower Upper
 128 100
 129 11.6 9.5 14.3
 127 13.5 11.3 16.9

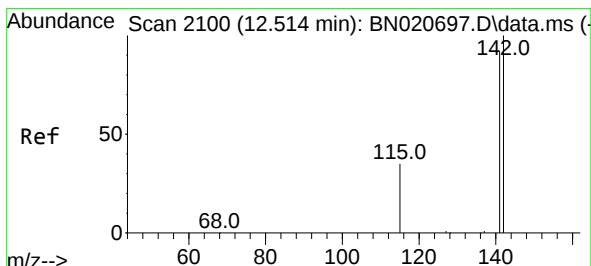
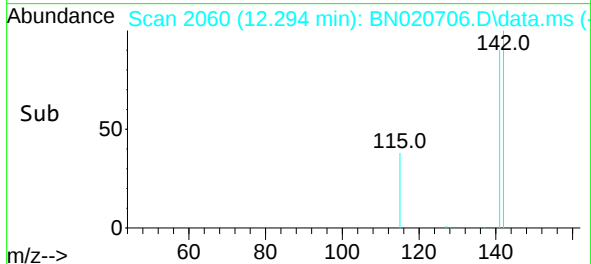
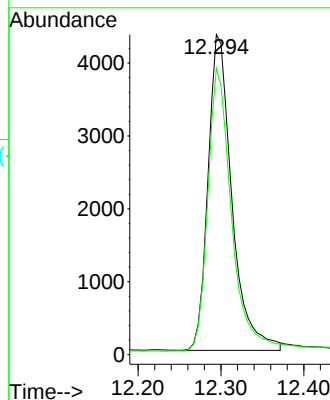
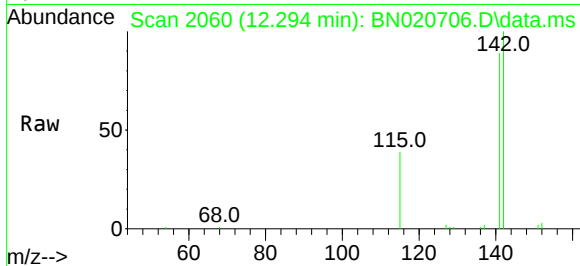




#7
2-Methylnaphthalene
Concen: 0.334 ng/ul
RT: 12.294 min Scan# 2060
Delta R.T. -0.006 min
Lab File: BN020706.D
Acq: 11 Jul 2022 17:15

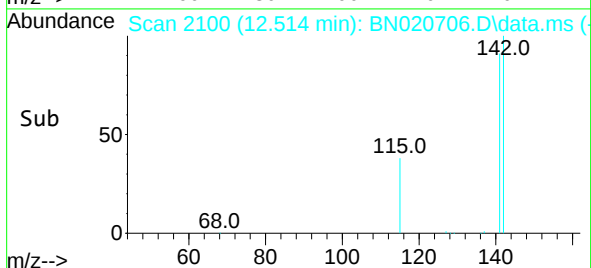
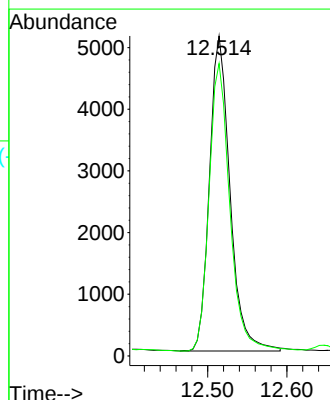
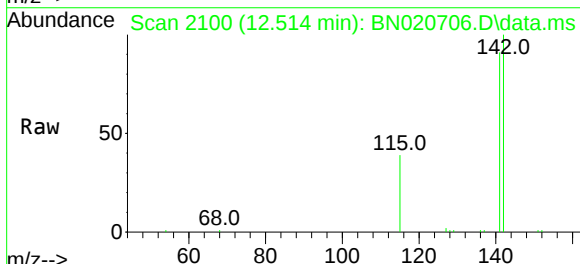
Instrument :
BNA_N
ClientSampleId :
SLCS063

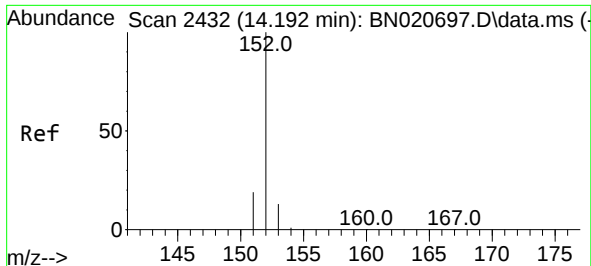
Tgt Ion:142 Resp: 8670
Ion Ratio Lower Upper
142 100
141 88.9 72.1 108.1



#8
1-Methylnaphthalene
Concen: 0.375 ng/ul
RT: 12.514 min Scan# 2100
Delta R.T. -0.006 min
Lab File: BN020706.D
Acq: 11 Jul 2022 17:15

Tgt Ion:142 Resp: 9222
Ion Ratio Lower Upper
142 100
141 92.1 73.7 110.5

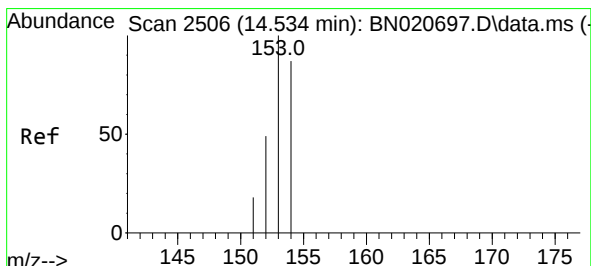
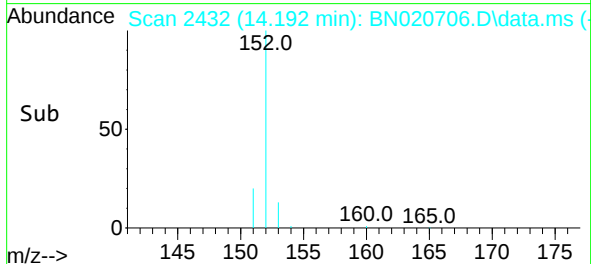
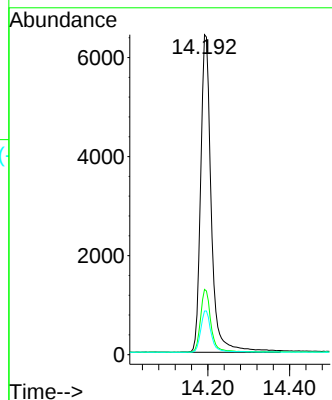
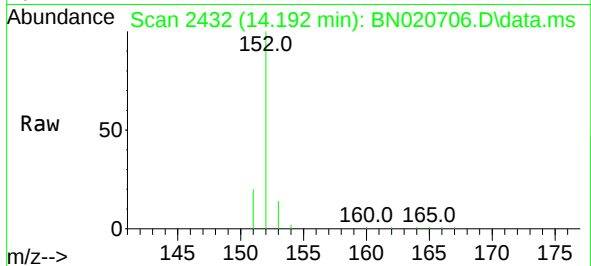




#10
Acenaphthylene
Concen: 0.362 ng/ul
RT: 14.192 min Scan# 2432
Delta R.T. -0.009 min
Lab File: BN020706.D
Acq: 11 Jul 2022 17:15

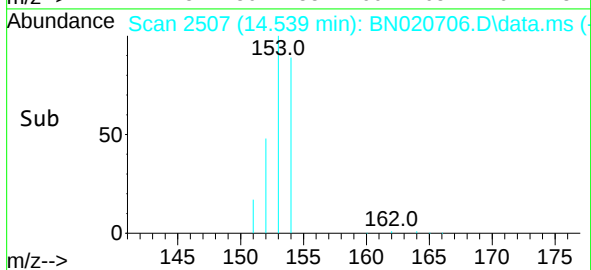
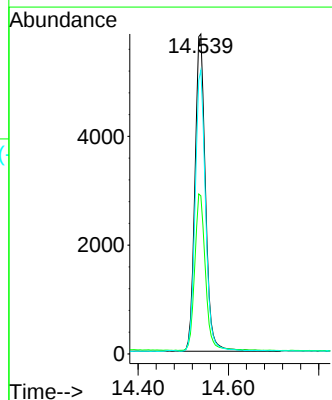
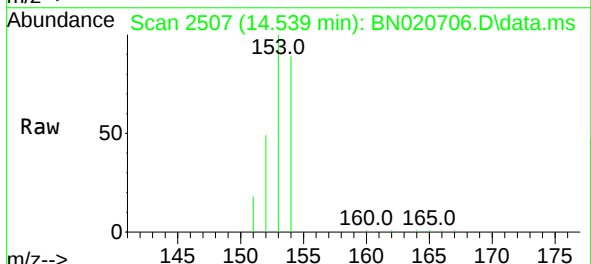
Instrument :
BNA_N
ClientSampleId :
SLCS063

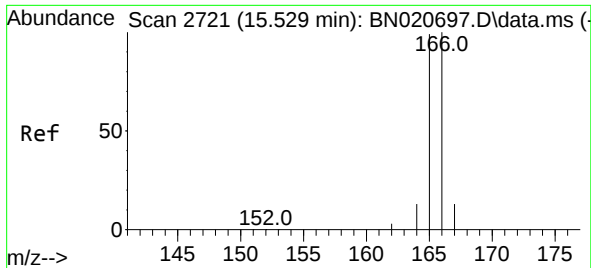
Tgt Ion:152	Resp:	11552
Ion Ratio	Lower	Upper
152	100	
151	20.4	16.5 24.7
153	13.7	11.1 16.7



#11
Acenaphthene
Concen: 0.370 ng/ul
RT: 14.539 min Scan# 2507
Delta R.T. -0.005 min
Lab File: BN020706.D
Acq: 11 Jul 2022 17:15

Tgt Ion:153	Resp:	9470
Ion Ratio	Lower	Upper
153	100	
152	49.4	40.0 60.0
154	88.7	70.0 105.0

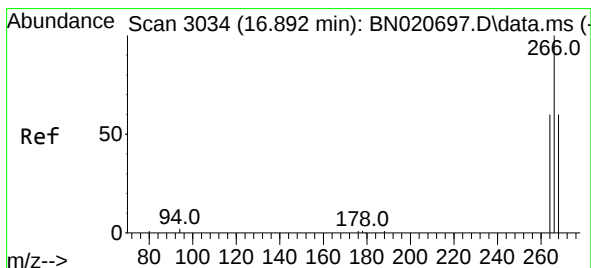
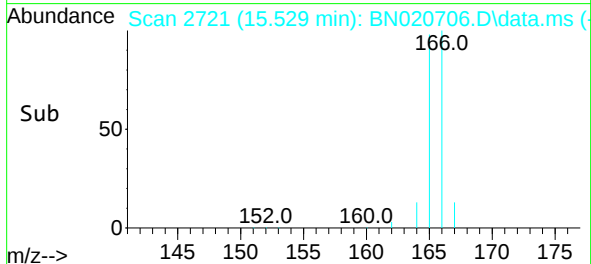
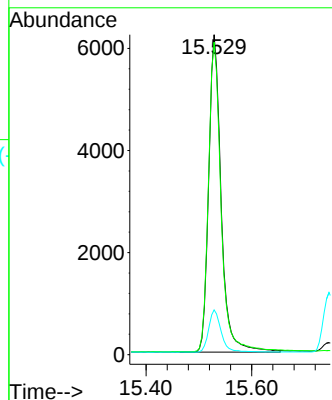
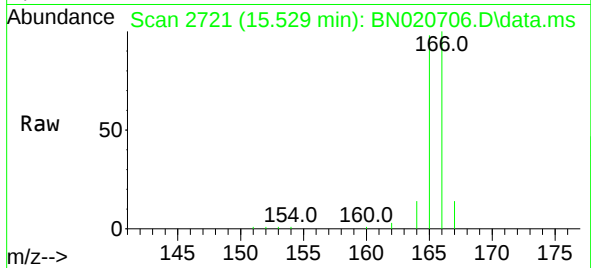




#12
 Fluorene
 Concen: 0.338 ng/ul
 RT: 15.529 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BN020706.D
 Acq: 11 Jul 2022 17:15

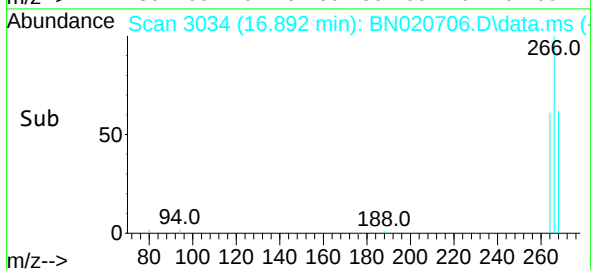
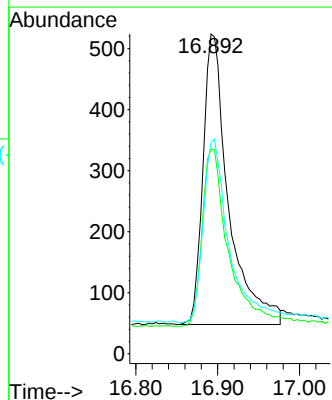
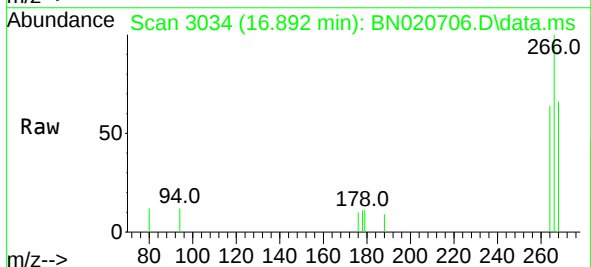
Instrument :
 BNA_N
 ClientSampleId :
 SLCS063

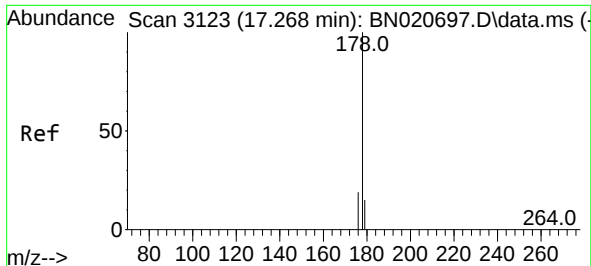
Tgt Ion:166 Resp: 10244
 Ion Ratio Lower Upper
 166 100
 165 97.7 78.2 117.2
 167 14.0 11.3 16.9



#14
 Pentachlorophenol
 Concen: 0.406 ng/ul
 RT: 16.892 min Scan# 3034
 Delta R.T. -0.013 min
 Lab File: BN020706.D
 Acq: 11 Jul 2022 17:15

Tgt Ion:266 Resp: 1033
 Ion Ratio Lower Upper
 266 100
 264 63.4 51.6 77.4
 268 64.6 51.5 77.3

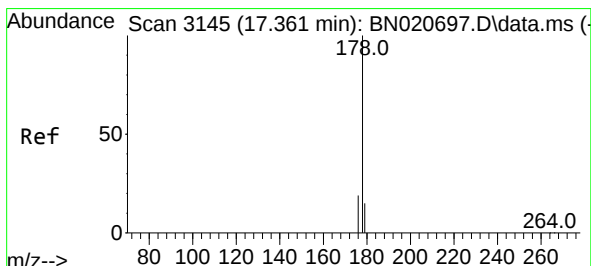
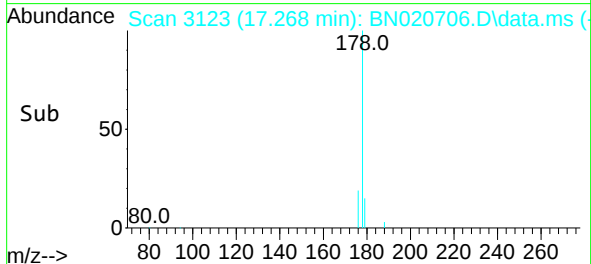
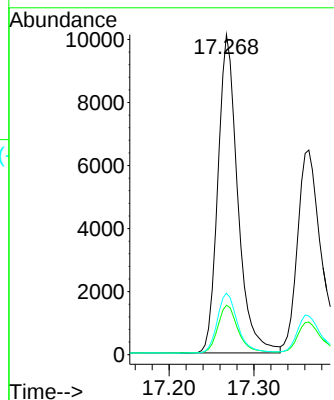
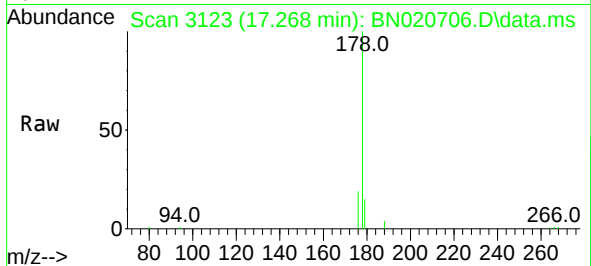




#15
Phenanthrene
Concen: 0.374 ng/ul
RT: 17.268 min Scan# 3123
Delta R.T. -0.009 min
Lab File: BN020706.D
Acq: 11 Jul 2022 17:15

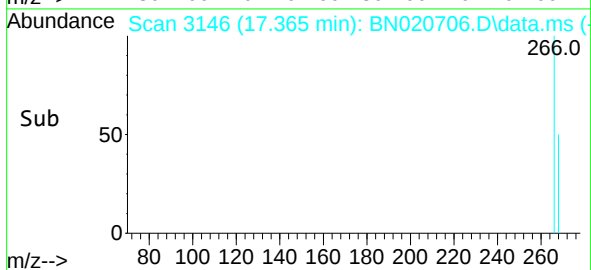
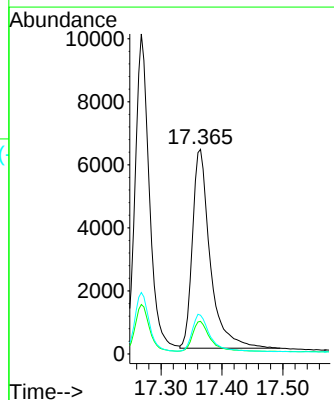
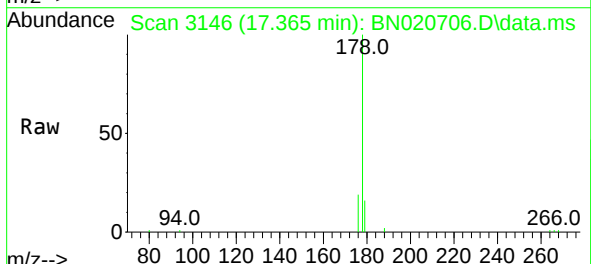
Instrument :
BNA_N
ClientSampleId :
SLCS063

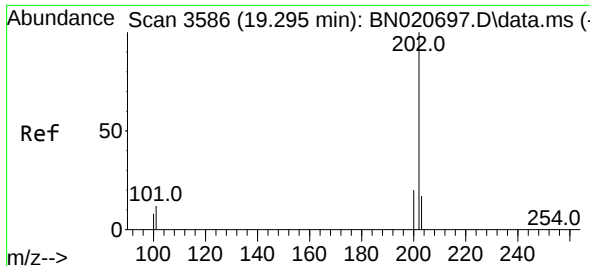
Tgt Ion:178 Resp: 16421
Ion Ratio Lower Upper
178 100
179 15.5 12.6 18.8
176 19.2 15.8 23.6



#16
Anthracene
Concen: 0.338 ng/ul
RT: 17.365 min Scan# 3146
Delta R.T. -0.004 min
Lab File: BN020706.D
Acq: 11 Jul 2022 17:15

Tgt Ion:178 Resp: 12792
Ion Ratio Lower Upper
178 100
179 15.9 12.8 19.2
176 18.9 15.2 22.8

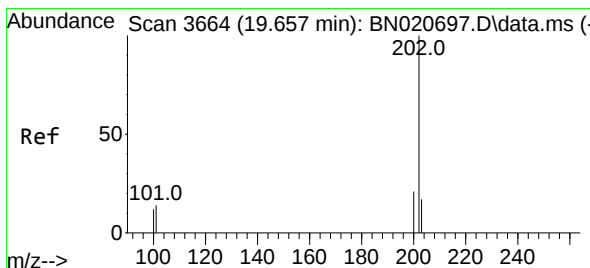
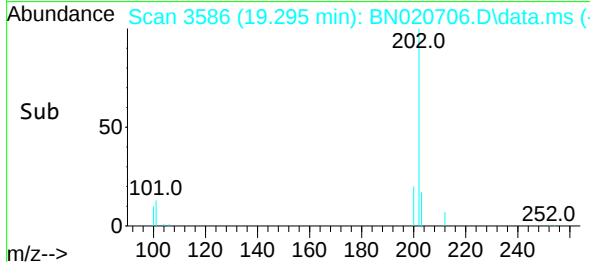
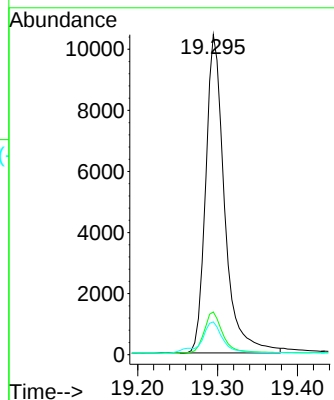
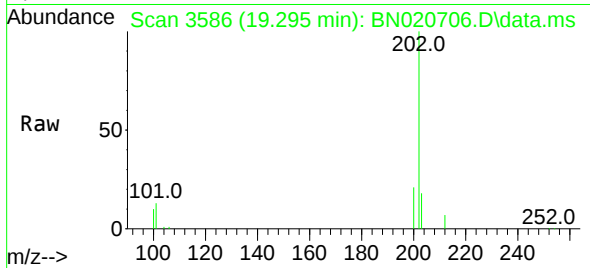




#19
Fluoranthene
Concen: 0.453 ng/ul
RT: 19.295 min Scan# 3586
Delta R.T. -0.009 min
Lab File: BN020706.D
Acq: 11 Jul 2022 17:15

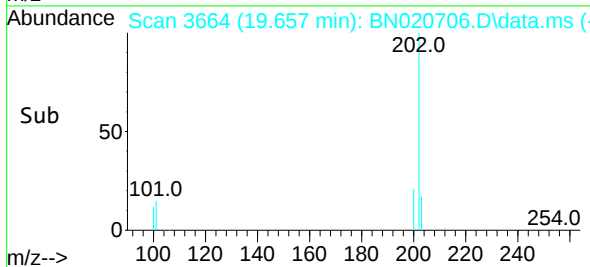
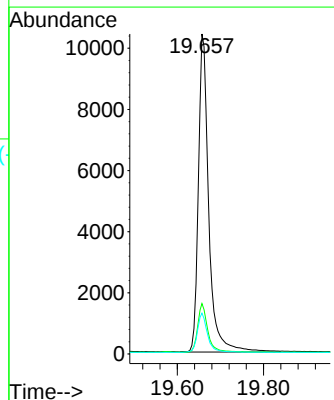
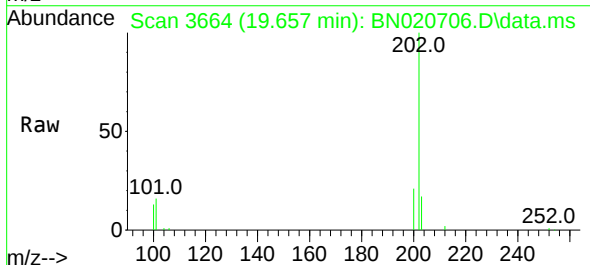
Instrument :
BNA_N
ClientSampleId :
SLCS063

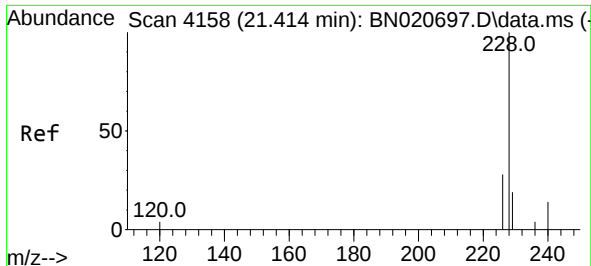
Tgt Ion:	202	Resp:	17081
Ion Ratio	Lower	Upper	
202	100		
101	13.4	10.3	15.5
100	10.3	7.8	11.6



#20
Pyrene
Concen: 0.444 ng/ul
RT: 19.657 min Scan# 3664
Delta R.T. -0.009 min
Lab File: BN020706.D
Acq: 11 Jul 2022 17:15

Tgt Ion:	202	Resp:	17392
Ion Ratio	Lower	Upper	
202	100		
101	15.7	11.6	17.4
100	12.7	9.2	13.8

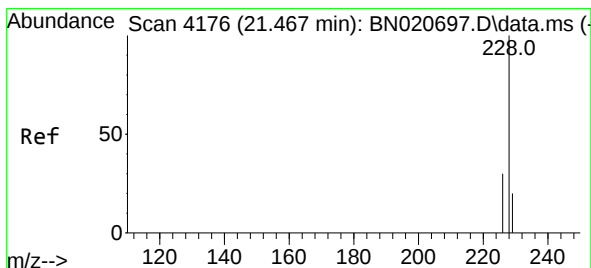
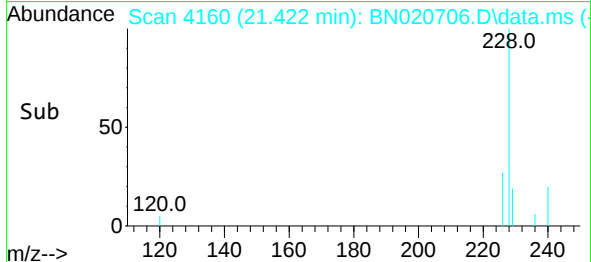
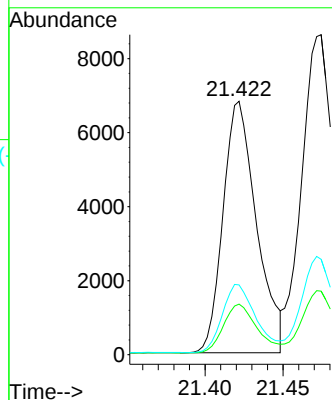
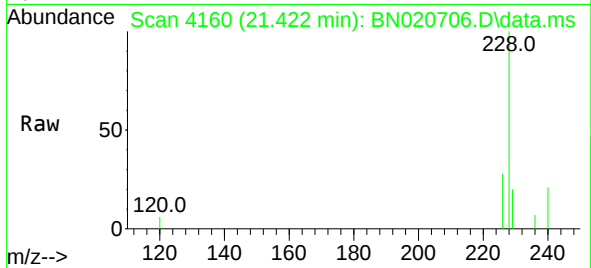




#21
Benzo(a)anthracene
Concen: 0.343 ng/ul
RT: 21.422 min Scan# 4158
Delta R.T. -0.007 min
Lab File: BN020706.D
Acq: 11 Jul 2022 17:15

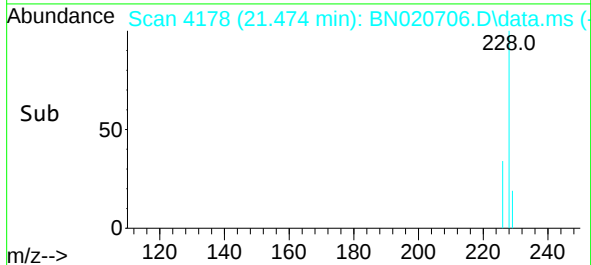
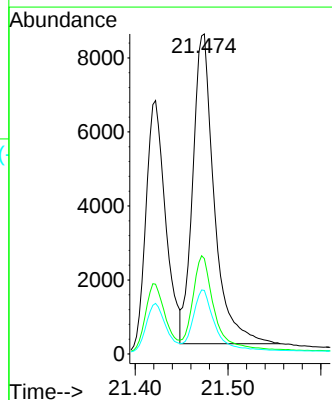
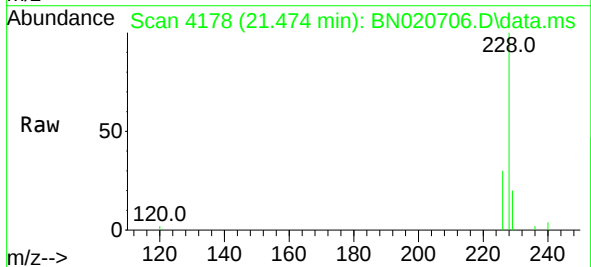
Instrument :
BNA_N
ClientSampleId :
SLCS063

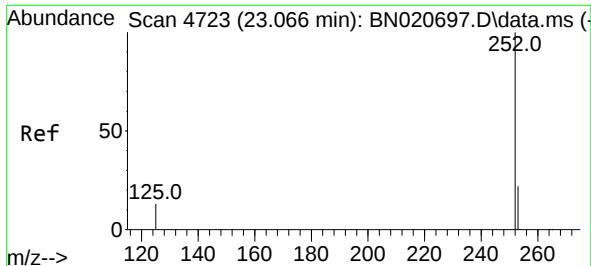
Tgt Ion:228 Resp: 10176
Ion Ratio Lower Upper
228 100
229 20.0 15.9 23.9
226 27.5 22.2 33.2



#22
Chrysene
Concen: 0.408 ng/ul
RT: 21.474 min Scan# 4178
Delta R.T. -0.004 min
Lab File: BN020706.D
Acq: 11 Jul 2022 17:15

Tgt Ion:228 Resp: 13486
Ion Ratio Lower Upper
228 100
226 29.8 23.9 35.9
229 19.9 15.8 23.8

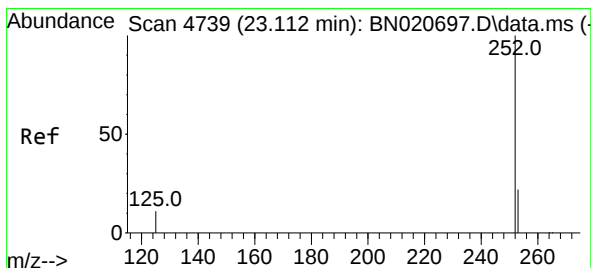
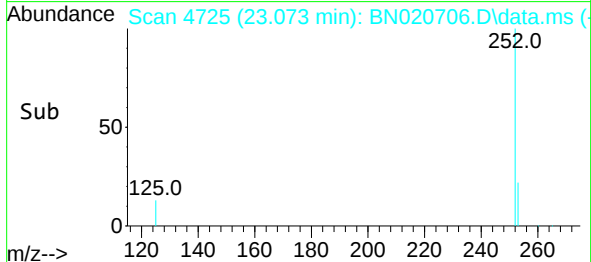
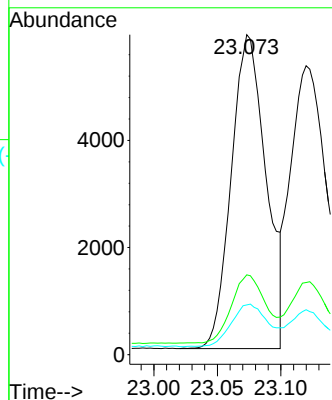
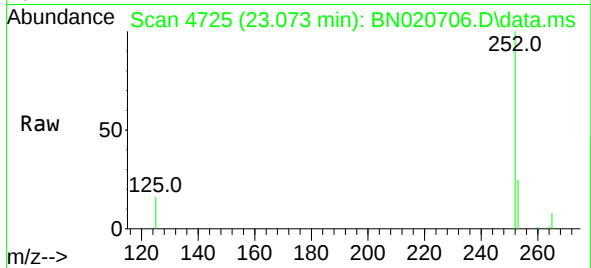




#24
Benzo(b)fluoranthene
Concen: 0.429 ng/ul
RT: 23.073 min Scan# 4711
Delta R.T. -0.010 min
Lab File: BN020706.D
Acq: 11 Jul 2022 17:15

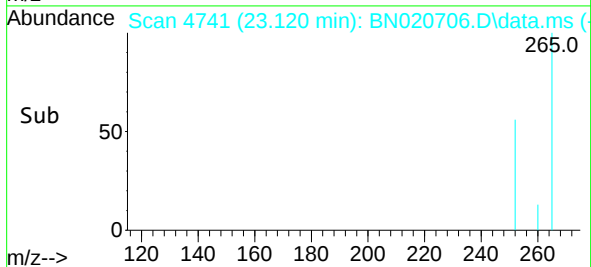
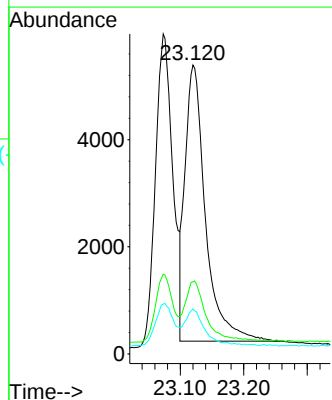
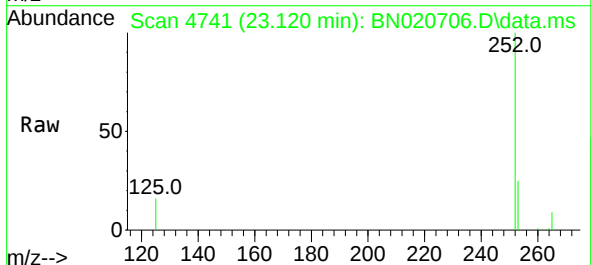
Instrument :
BNA_N
ClientSampleId :
SLCS063

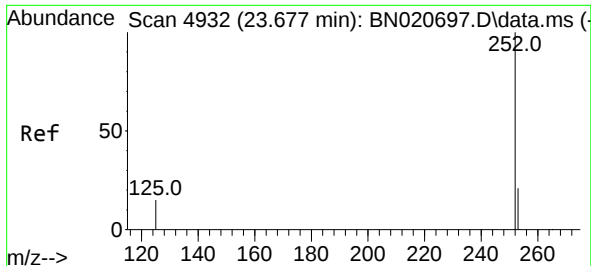
Tgt Ion:252	Resp:	11173
Ion Ratio	Lower	Upper
252	100	
253	24.9	0.0 48.6
125	15.5	0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.437 ng/ul
RT: 23.120 min Scan# 4741
Delta R.T. -0.010 min
Lab File: BN020706.D
Acq: 11 Jul 2022 17:15

Tgt Ion:252	Resp:	11498
Ion Ratio	Lower	Upper
252	100	
253	25.0	19.7 29.5
125	15.5	12.0 18.0

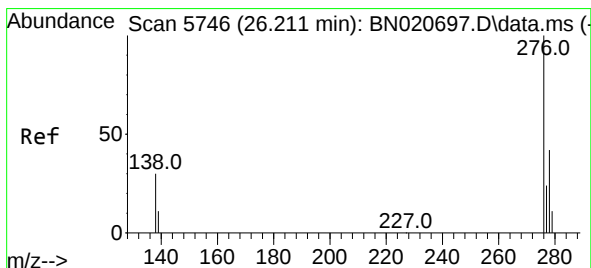
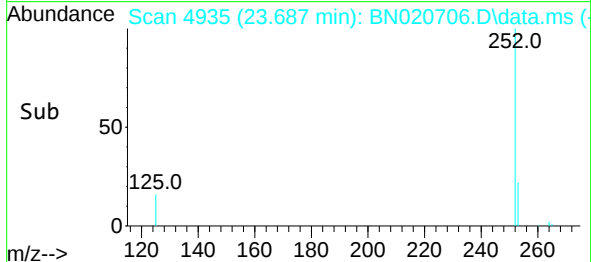
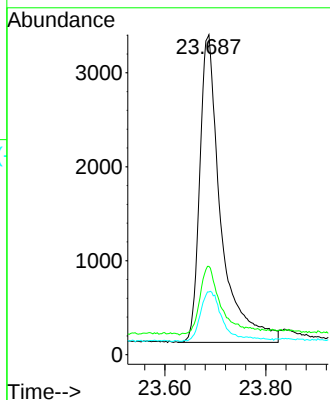
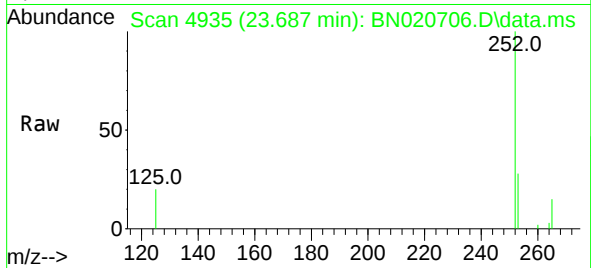




#26
Benzo(a)pyrene
Concen: 0.402 ng/ul
RT: 23.687 min Scan# 4932
Delta R.T. -0.010 min
Lab File: BN020706.D
Acq: 11 Jul 2022 17:15

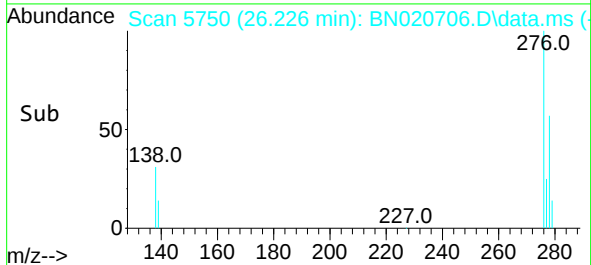
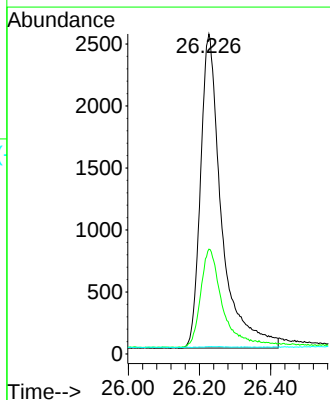
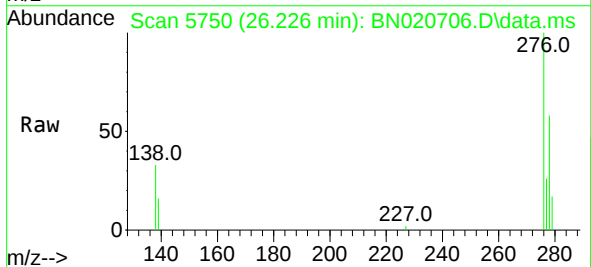
Instrument :
BNA_N
ClientSampleId :
SLCS063

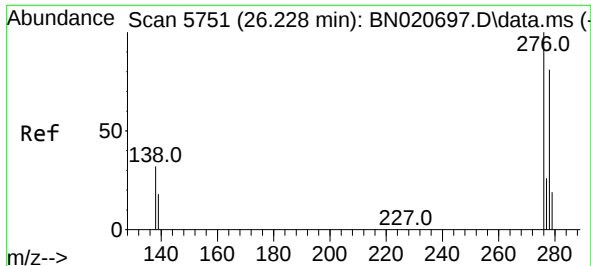
Tgt Ion:	252	Resp:	9516
Ion Ratio	Lower	Upper	
252	100		
253	27.6	21.0	31.4
125	19.6	18.8	28.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.441 ng/ul
RT: 26.226 min Scan# 5750
Delta R.T. -0.019 min
Lab File: BN020706.D
Acq: 11 Jul 2022 17:15

Tgt Ion:	276	Resp:	10387
Ion Ratio	Lower	Upper	
276	100		
138	33.1	27.4	41.2
227	0.1	0.2	0.2

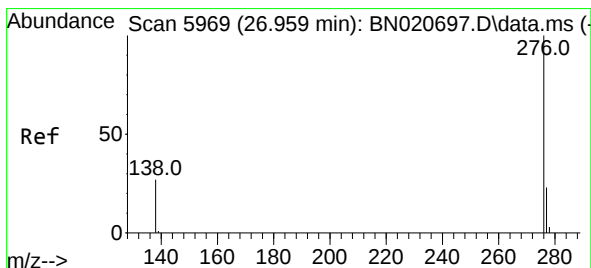
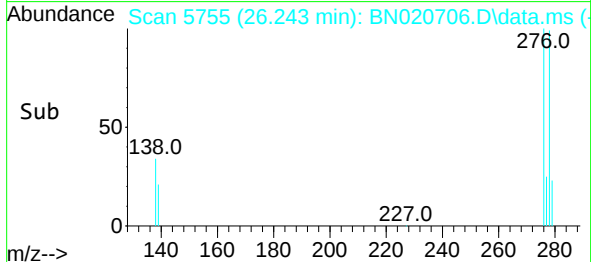
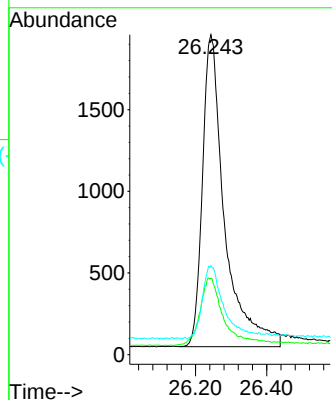
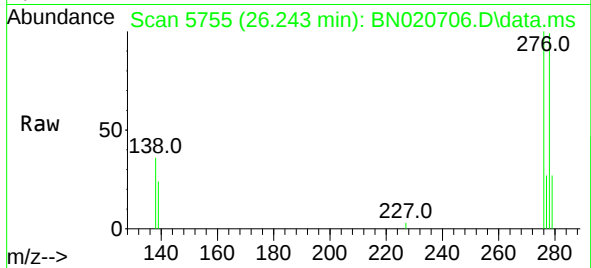




#28
Dibenzo(a,h)anthracene
Concen: 0.432 ng/ul
RT: 26.243 min Scan# 51
Delta R.T. -0.019 min
Lab File: BN020706.D
Acq: 11 Jul 2022 17:15

Instrument :
BNA_N
ClientSampleId :
SLCS063

Tgt Ion:278 Resp: 8227
Ion Ratio Lower Upper
278 100
139 23.9 18.8 28.2
279 27.8 21.4 32.0



#29
Benzo(g,h,i)perylene
Concen: 0.476 ng/ul
RT: 26.968 min Scan# 5971
Delta R.T. -0.022 min
Lab File: BN020706.D
Acq: 11 Jul 2022 17:15

Tgt Ion:276 Resp: 9616
Ion Ratio Lower Upper
276 100
138 29.3 23.5 35.3
277 25.4 20.1 30.1

