

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072522\
 Data File : BN020857.D
 Acq On : 26 Jul 2022 12:00
 Operator : CG/JU
 Sample : PB146403BS
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS403

Quant Time: Jul 26 13:50:49 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 18:06:54 2022
 Response via : Initial Calibration

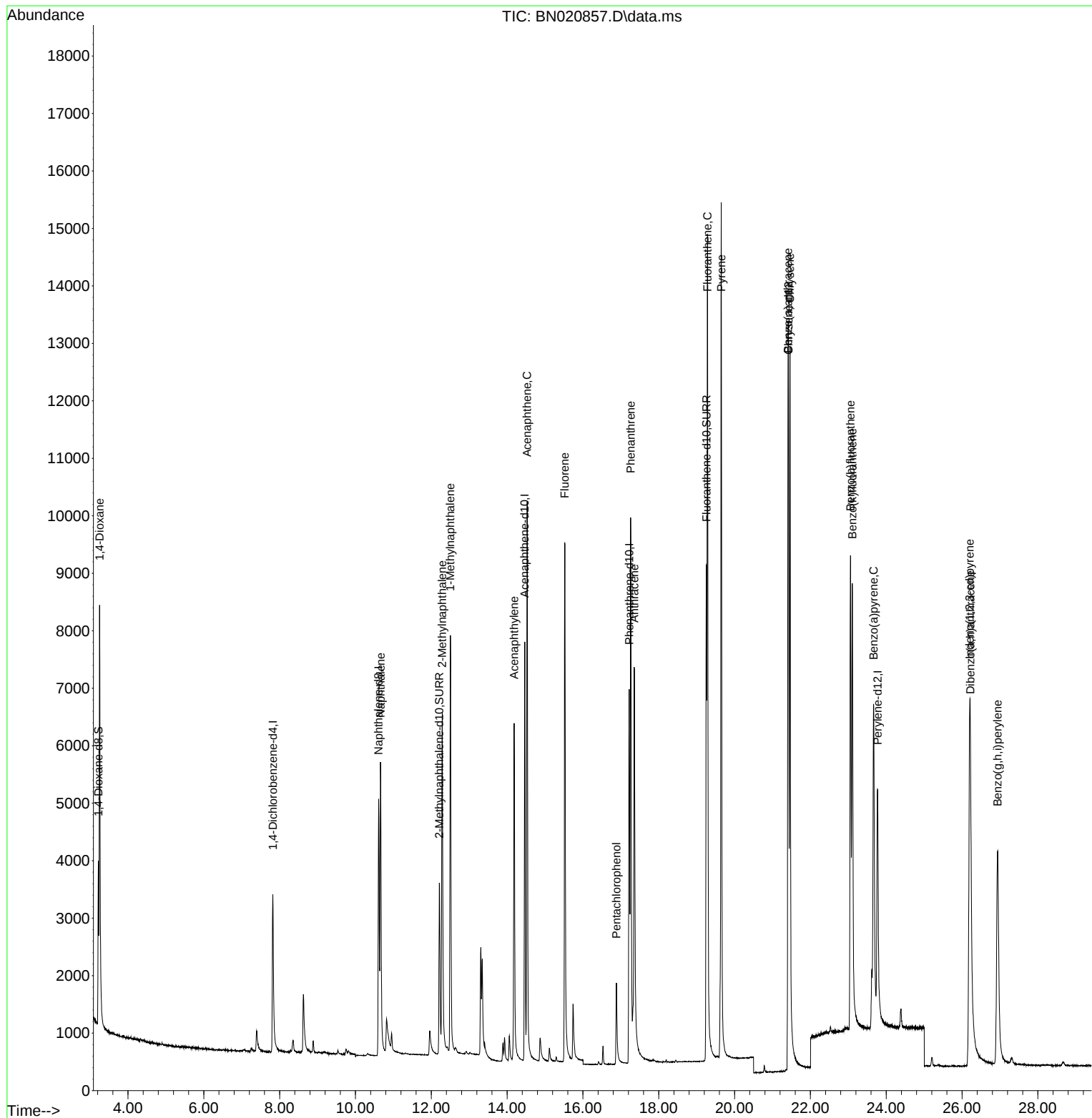
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.821	152	2058	0.400	ng/ul	0.00
4) Naphthalene-d8	10.612	136	7108	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.465	164	4360	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.221	188	9163	0.400	ng/ul	0.00
17) Chrysene-d12	21.423	240	8047	0.400	ng/ul	0.00
23) Perylene-d12	23.773	264	6641	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.218	96	1945	0.787	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.212	152	4765	0.441	ng/ul	0.00
18) Fluoranthene-d10	19.258	212	11185	0.435	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.252	88	4858	1.912	ng/ul#	81
5) Naphthalene	10.661	128	8256	0.371	ng/ul	99
7) 2-Methylnaphthalene	12.289	142	5357	0.380	ng/ul	100
8) 1-Methylnaphthalene	12.503	142	5731	0.420	ng/ul	99
10) Acenaphthylene	14.187	152	8215	0.379	ng/ul	100
11) Acenaphthene	14.530	153	6474	0.369	ng/ul	100
12) Fluorene	15.520	166	7276	0.378	ng/ul	100
14) Pentachlorophenol	16.884	266	1317	0.954	ng/ul	99
15) Phenanthrene	17.259	178	12044	0.359	ng/ul	100
16) Anthracene	17.352	178	10222	0.380	ng/ul	99
19) Fluoranthene	19.285	202	13933	0.370	ng/ul	99
20) Pyrene	19.648	202	14435	0.367	ng/ul	100
21) Benzo(a)anthracene	21.408	228	10629	0.400	ng/ul	99
22) Chrysene	21.461	228	12617	0.369	ng/ul	99
24) Benzo(b)fluoranthene	23.057	252	11958	0.380	ng/ul	96
25) Benzo(k)fluoranthene	23.104	252	11992	0.368	ng/ul	98
26) Benzo(a)pyrene	23.665	252	10861	0.374	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	26.201	276	11279	0.369	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.221	278	8796	0.378	ng/ul	98
29) Benzo(g,h,i)perylene	26.939	276	10108	0.367	ng/ul	99

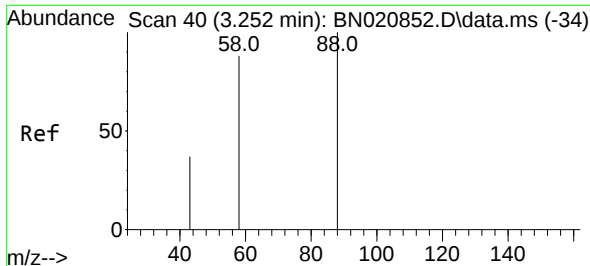
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072522\
Data File : BN020857.D
Acq On : 26 Jul 2022 12:00
Operator : CG/JU
Sample : PB146403BS
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS403

Quant Time: Jul 26 13:50:49 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 25 18:06:54 2022
Response via : Initial Calibration

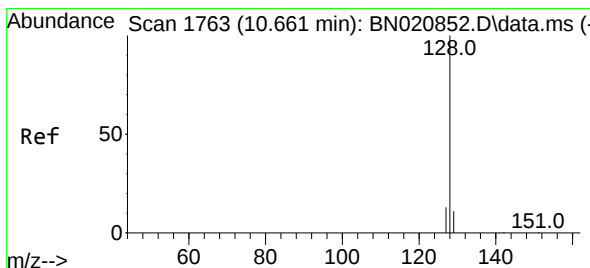
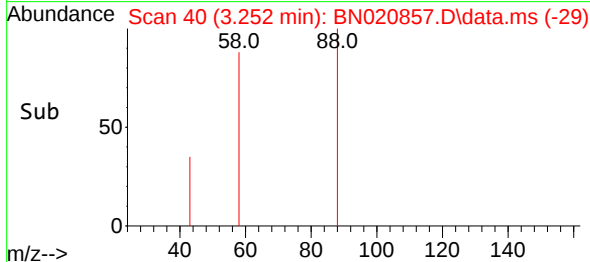
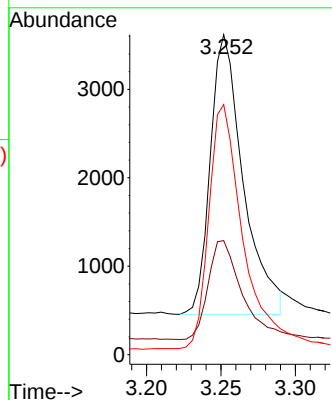
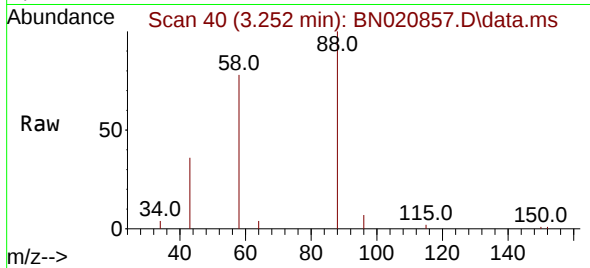




#2
 1,4-Dioxane
 Concen: 1.912 ng/ul
 RT: 3.252 min Scan# 40
 Delta R.T. -0.004 min
 Lab File: BN020857.D
 Acq: 26 Jul 2022 12:00

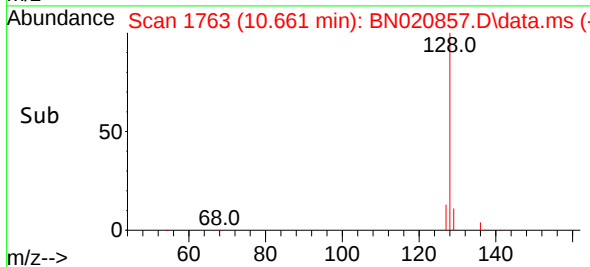
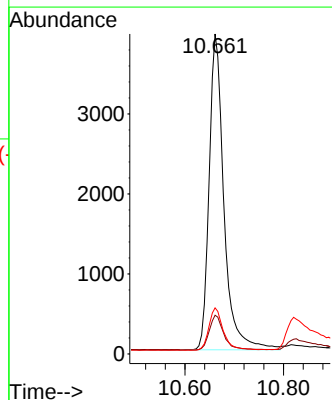
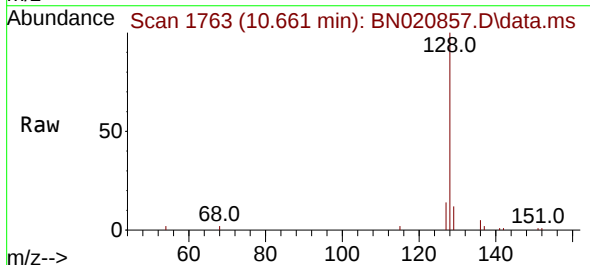
Instrument :
 BNA_N
 ClientSampleId :
 SLCS403

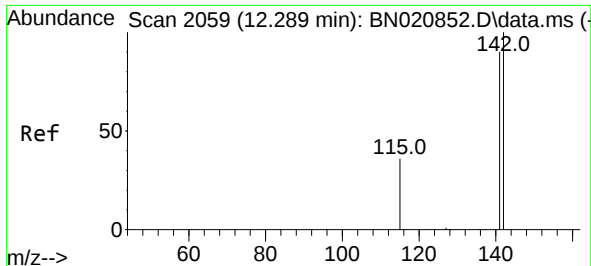
Tgt Ion: 88 Resp: 4858
 Ion Ratio Lower Upper
 88 100
 43 35.6 32.5 48.7
 58 78.1 46.2 69.2#



#5
 Naphthalene
 Concen: 0.371 ng/ul
 RT: 10.661 min Scan# 1763
 Delta R.T. -0.005 min
 Lab File: BN020857.D
 Acq: 26 Jul 2022 12:00

Tgt Ion: 128 Resp: 8256
 Ion Ratio Lower Upper
 128 100
 129 12.1 9.5 14.3
 127 14.4 11.3 16.9

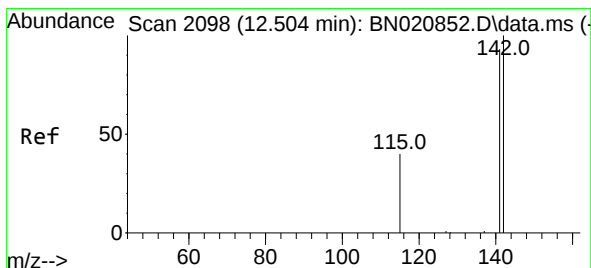
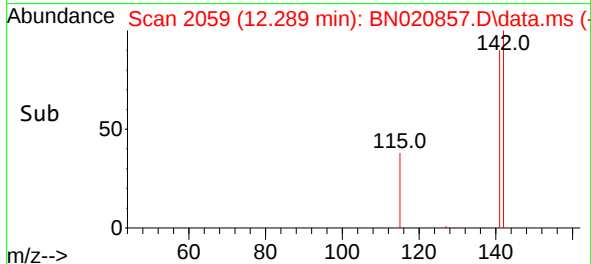
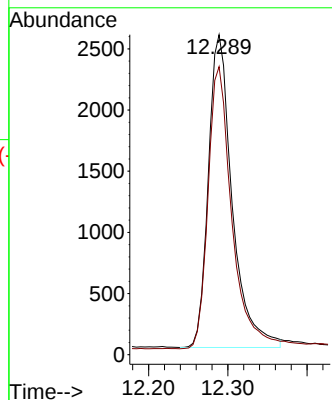
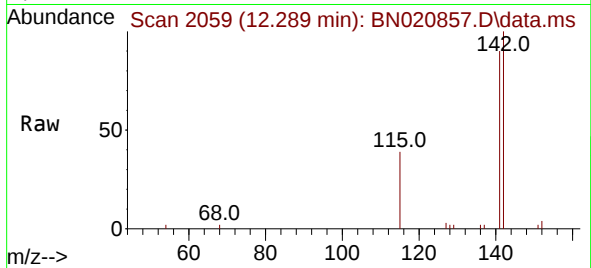




#7
2-Methylnaphthalene
Concen: 0.380 ng/ul
RT: 12.289 min Scan# 2059
Delta R.T. -0.005 min
Lab File: BN020857.D
Acq: 26 Jul 2022 12:00

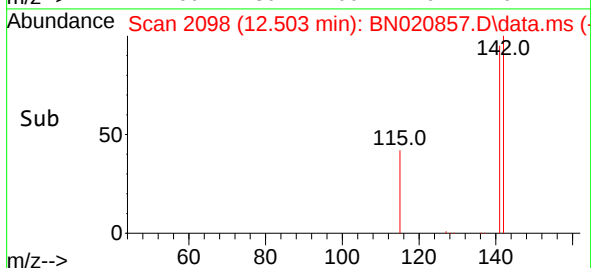
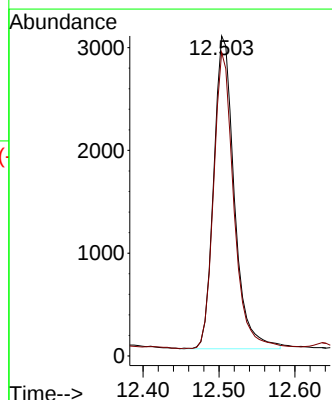
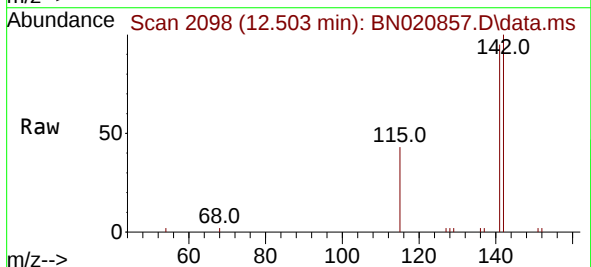
Instrument :
BNA_N
ClientSampleId :
SLCS403

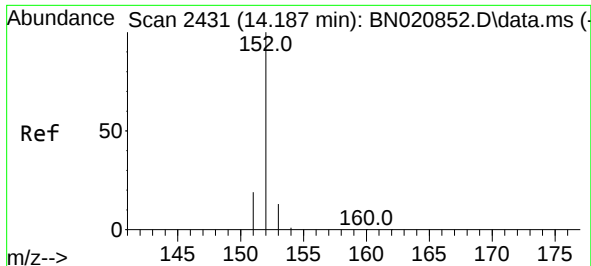
Tgt Ion:142 Resp: 5357
Ion Ratio Lower Upper
142 100
141 90.0 72.1 108.1



#8
1-Methylnaphthalene
Concen: 0.420 ng/ul
RT: 12.503 min Scan# 2098
Delta R.T. -0.005 min
Lab File: BN020857.D
Acq: 26 Jul 2022 12:00

Tgt Ion:142 Resp: 5731
Ion Ratio Lower Upper
142 100
141 93.0 73.7 110.5

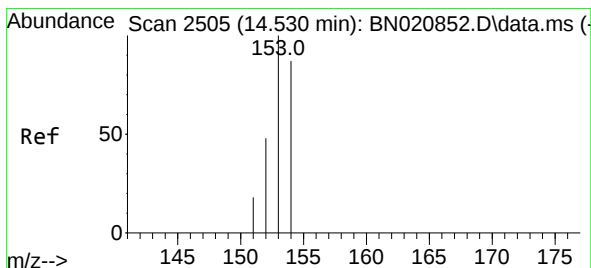
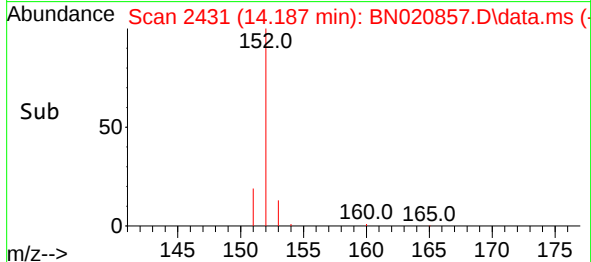
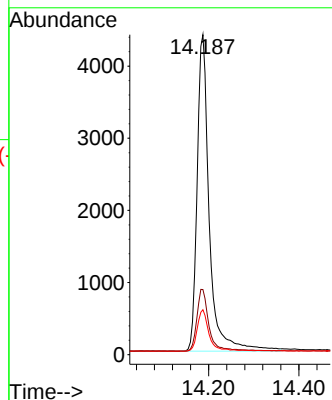
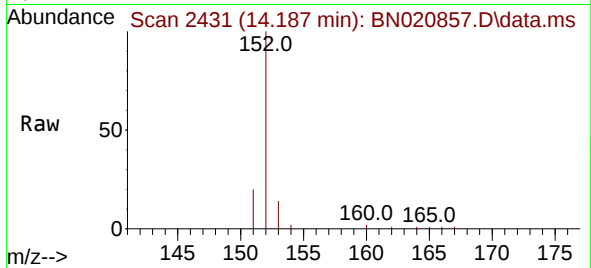




#10
Acenaphthylene
Concen: 0.379 ng/ul
RT: 14.187 min Scan# 2431
Delta R.T. 0.000 min
Lab File: BN020857.D
Acq: 26 Jul 2022 12:00

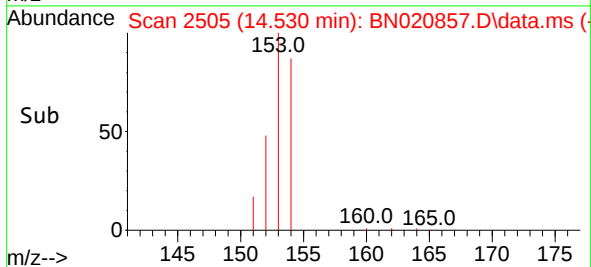
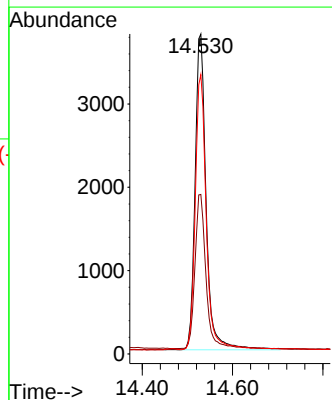
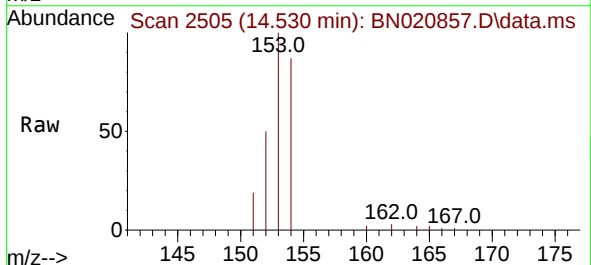
Instrument :
BNA_N
ClientSampleId :
SLCS403

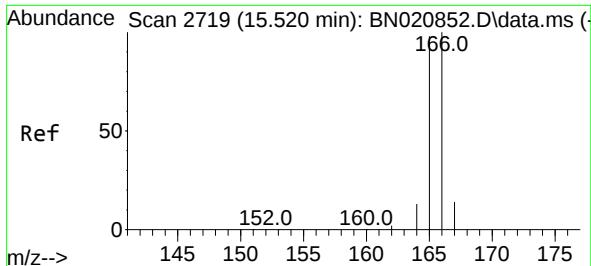
Tgt Ion:152 Resp: 8215
Ion Ratio Lower Upper
152 100
151 20.4 16.5 24.7
153 14.1 11.1 16.7



#11
Acenaphthene
Concen: 0.369 ng/ul
RT: 14.530 min Scan# 2505
Delta R.T. 0.000 min
Lab File: BN020857.D
Acq: 26 Jul 2022 12:00

Tgt Ion:153 Resp: 6474
Ion Ratio Lower Upper
153 100
152 49.9 40.0 60.0
154 87.3 70.0 105.0

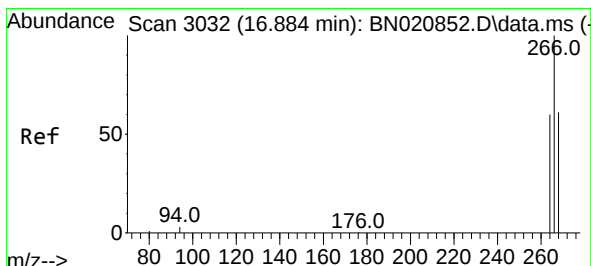
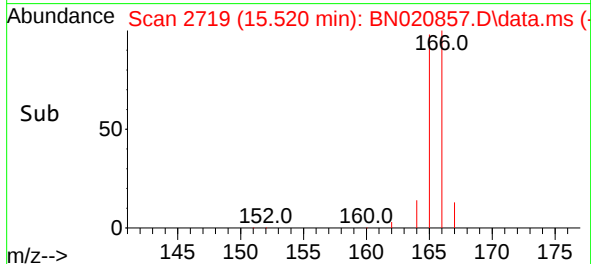
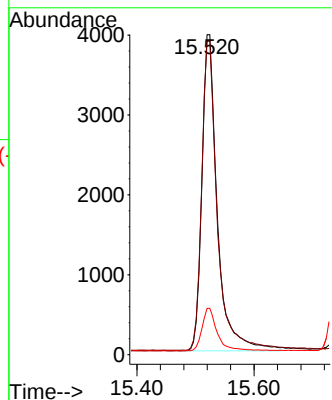
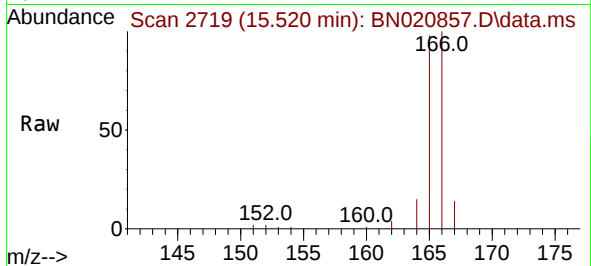




#12
Fluorene
Concen: 0.378 ng/ul
RT: 15.520 min Scan# 2719
Delta R.T. -0.005 min
Lab File: BN020857.D
Acq: 26 Jul 2022 12:00

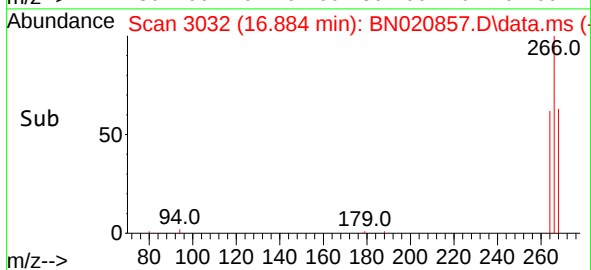
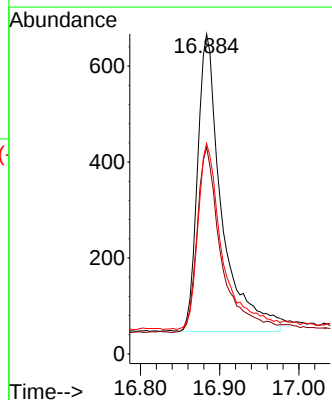
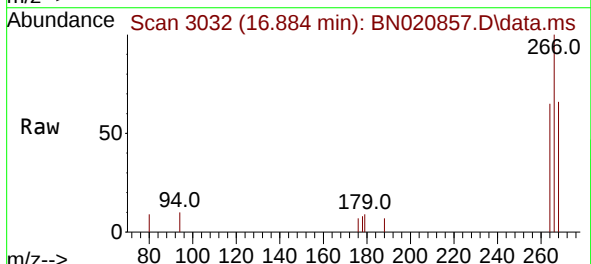
Instrument :
BNA_N
ClientSampleId :
SLCS403

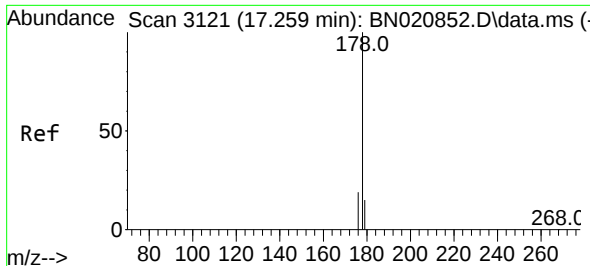
Tgt Ion:166 Resp: 7276
Ion Ratio Lower Upper
166 100
165 97.9 78.2 117.2
167 14.5 11.3 16.9



#14
Pentachlorophenol
Concen: 0.954 ng/ul
RT: 16.884 min Scan# 3032
Delta R.T. -0.008 min
Lab File: BN020857.D
Acq: 26 Jul 2022 12:00

Tgt Ion:266 Resp: 1317
Ion Ratio Lower Upper
266 100
264 62.8 51.6 77.4
268 64.2 51.5 77.3

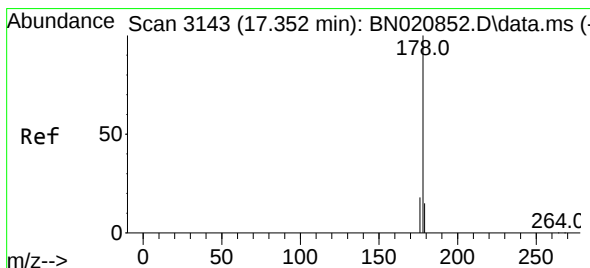
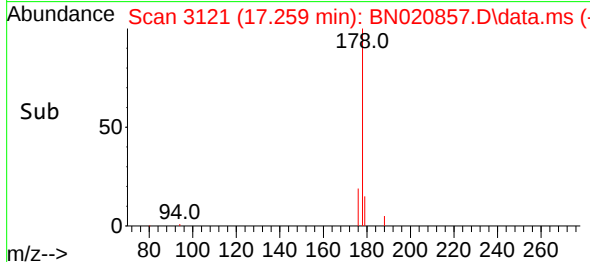
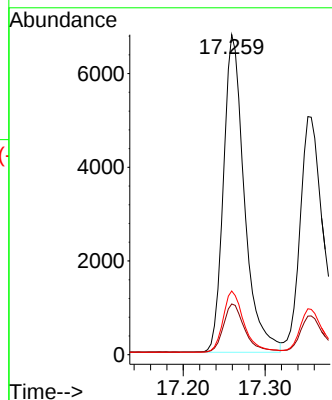
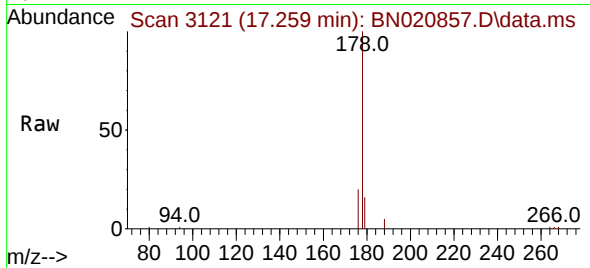




#15
Phenanthrene
Concen: 0.359 ng/u1
RT: 17.259 min Scan# 3121
Delta R.T. -0.004 min
Lab File: BN020857.D
Acq: 26 Jul 2022 12:00

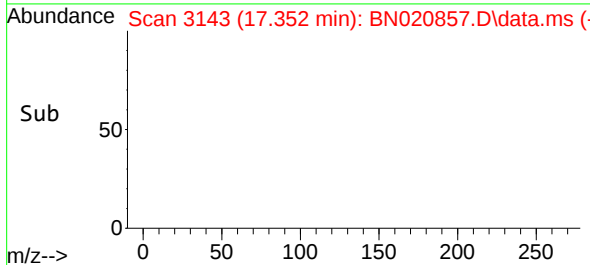
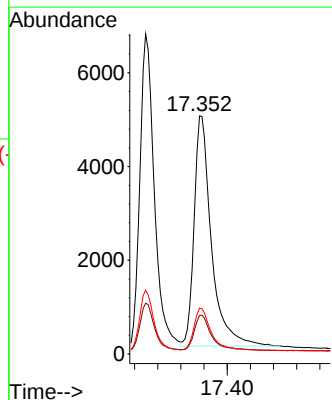
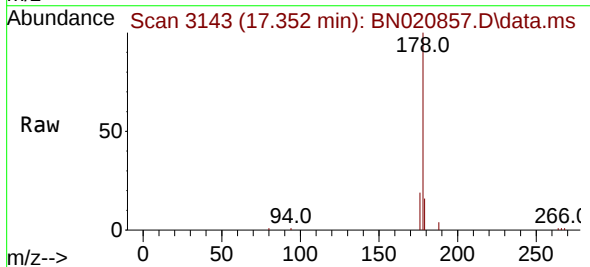
Instrument :
BNA_N
ClientSampleId :
SLCS403

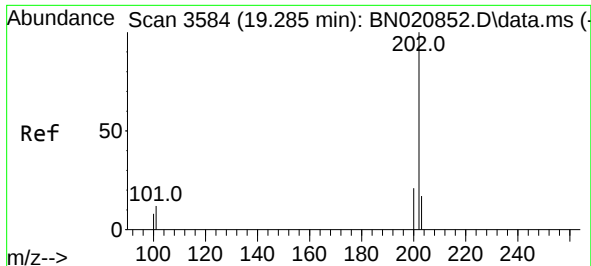
Tgt Ion:178	Resp:	12044
Ion Ratio	Lower	Upper
178	100	
179	15.8	12.6 18.8
176	19.9	15.8 23.6



#16
Anthracene
Concen: 0.380 ng/u1
RT: 17.352 min Scan# 3143
Delta R.T. -0.004 min
Lab File: BN020857.D
Acq: 26 Jul 2022 12:00

Tgt Ion:178	Resp:	10222
Ion Ratio	Lower	Upper
178	100	
179	16.2	12.8 19.2
176	19.3	15.2 22.8

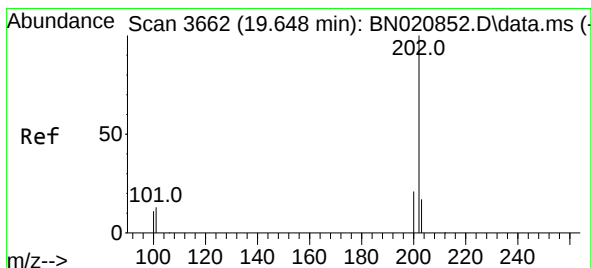
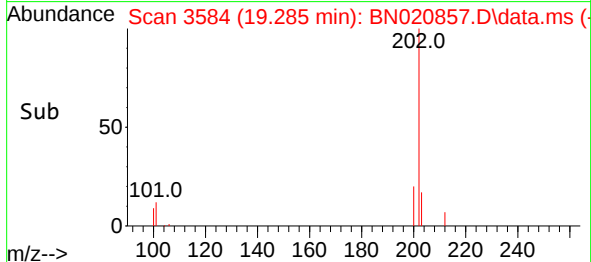
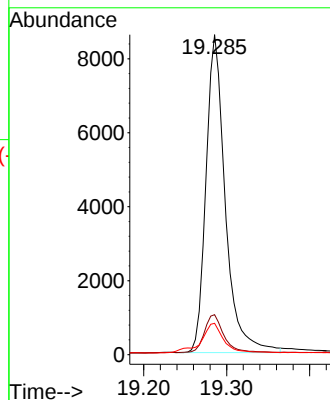
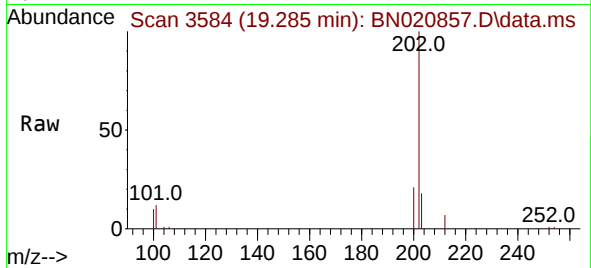




#19
Fluoranthene
Concen: 0.370 ng/ul
RT: 19.285 min Scan# 3584
Delta R.T. -0.005 min
Lab File: BN020857.D
Acq: 26 Jul 2022 12:00

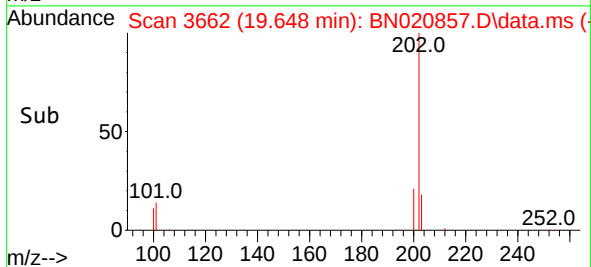
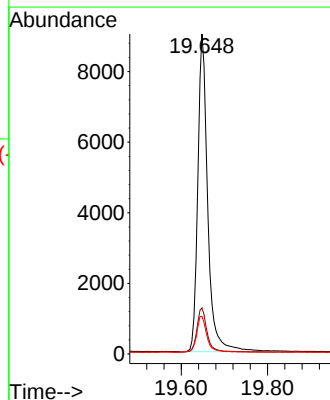
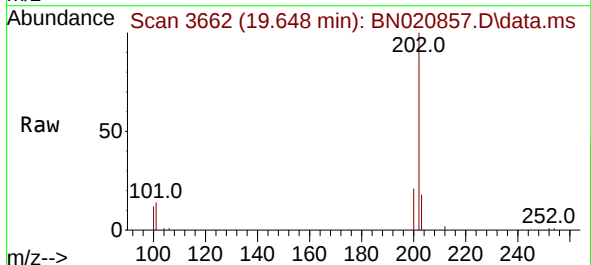
Instrument :
BNA_N
ClientSampleId :
SLCS403

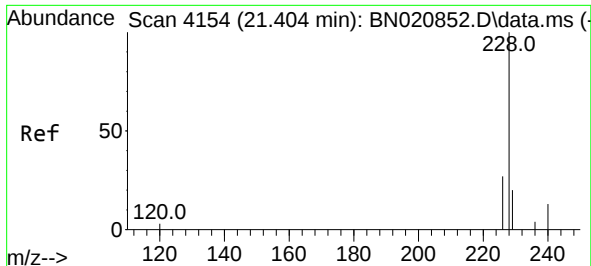
Tgt Ion:202 Resp: 13933
Ion Ratio Lower Upper
202 100
101 12.5 10.3 15.5
100 9.8 7.8 11.6



#20
Pyrene
Concen: 0.367 ng/ul
RT: 19.648 min Scan# 3662
Delta R.T. -0.005 min
Lab File: BN020857.D
Acq: 26 Jul 2022 12:00

Tgt Ion:202 Resp: 14435
Ion Ratio Lower Upper
202 100
101 14.4 11.6 17.4
100 11.7 9.2 13.8

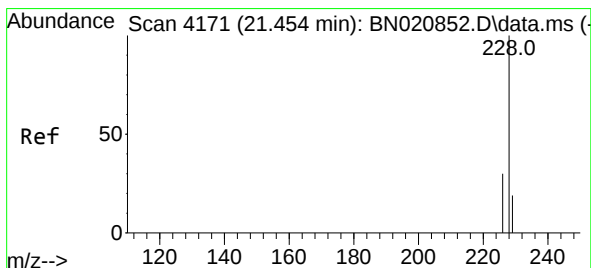
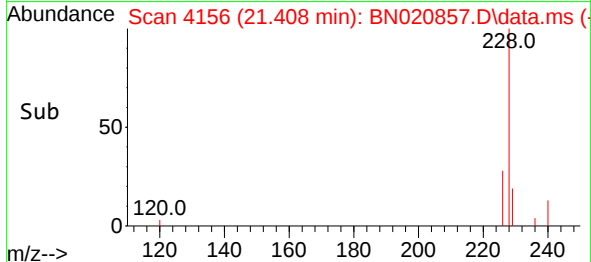
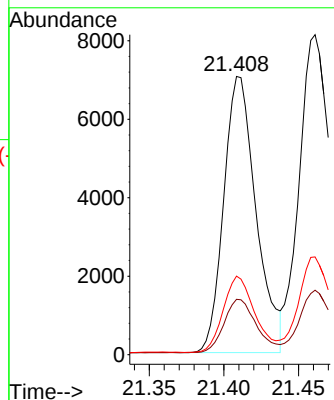
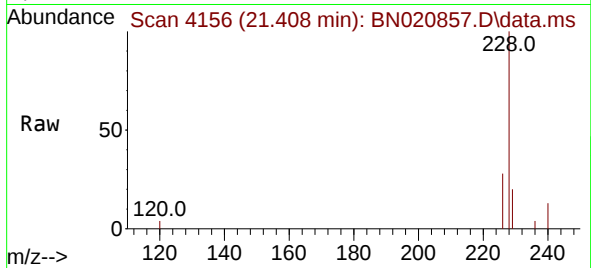




#21
Benzo(a)anthracene
Concen: 0.400 ng/ul
RT: 21.408 min Scan# 4154
Delta R.T. -0.008 min
Lab File: BN020857.D
Acq: 26 Jul 2022 12:00

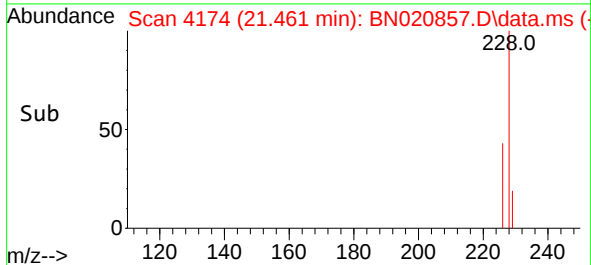
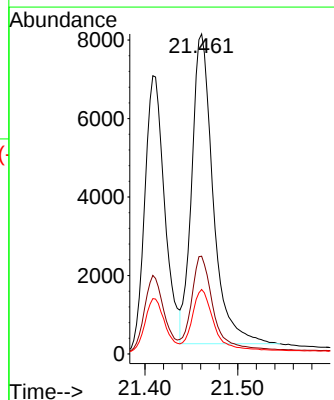
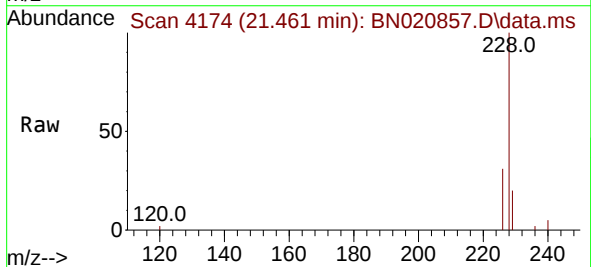
Instrument :
BNA_N
ClientSampleId :
SLCS403

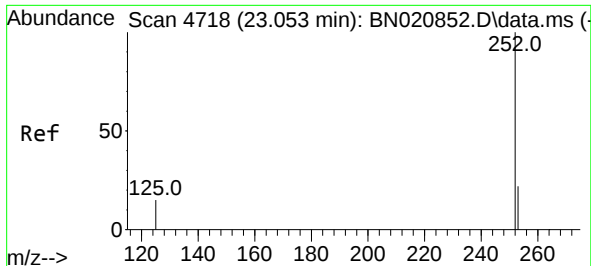
Tgt Ion:228 Resp: 10629
Ion Ratio Lower Upper
228 100
229 19.9 15.9 23.9
226 28.2 22.2 33.2



#22
Chrysene
Concen: 0.369 ng/ul
RT: 21.461 min Scan# 4174
Delta R.T. -0.005 min
Lab File: BN020857.D
Acq: 26 Jul 2022 12:00

Tgt Ion:228 Resp: 12617
Ion Ratio Lower Upper
228 100
226 30.6 23.9 35.9
229 20.1 15.8 23.8

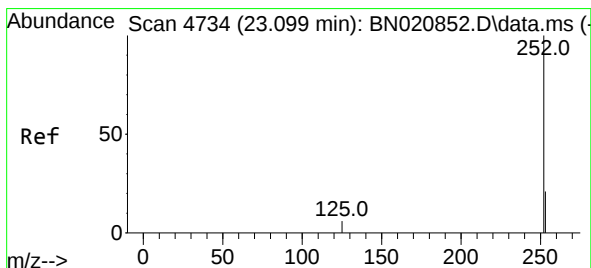
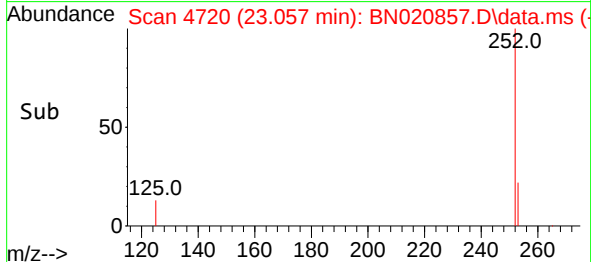
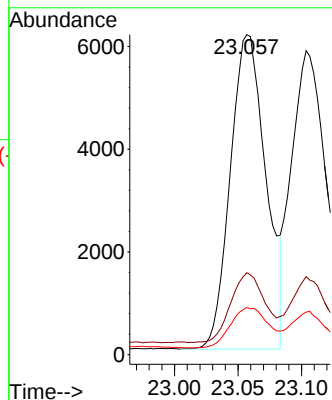
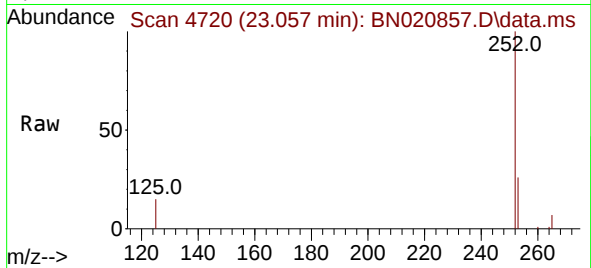




#24
Benzo(b)fluoranthene
Concen: 0.380 ng/ul
RT: 23.057 min Scan# 4718
Delta R.T. -0.008 min
Lab File: BN020857.D
Acq: 26 Jul 2022 12:00

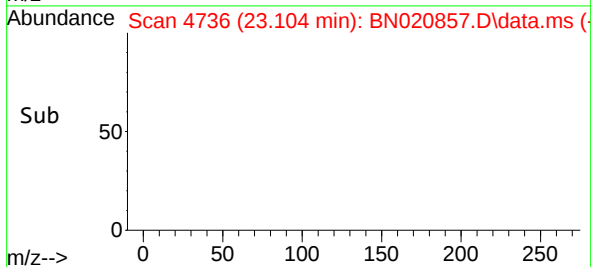
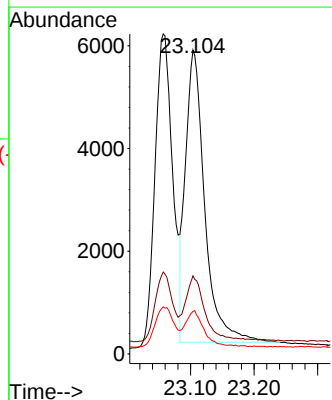
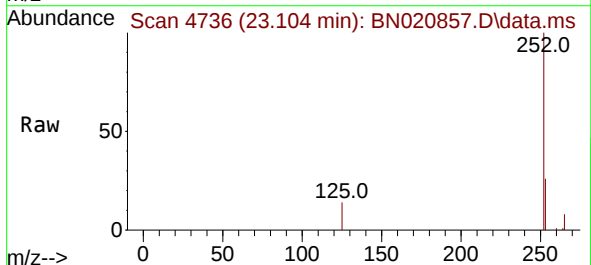
Instrument :
BNA_N
ClientSampleId :
SLCS403

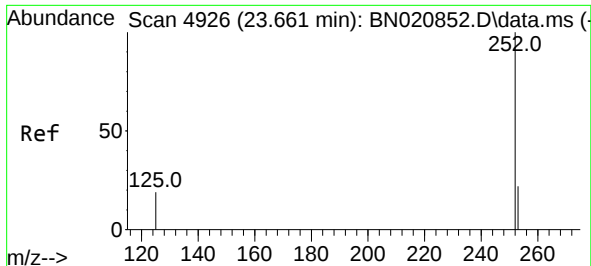
Tgt Ion:252 Resp: 11958
Ion Ratio Lower Upper
252 100
253 25.6 0.0 48.6
125 14.7 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.368 ng/ul
RT: 23.104 min Scan# 4736
Delta R.T. -0.005 min
Lab File: BN020857.D
Acq: 26 Jul 2022 12:00

Tgt Ion:252 Resp: 11992
Ion Ratio Lower Upper
252 100
253 25.7 19.7 29.5
125 14.0 12.0 18.0

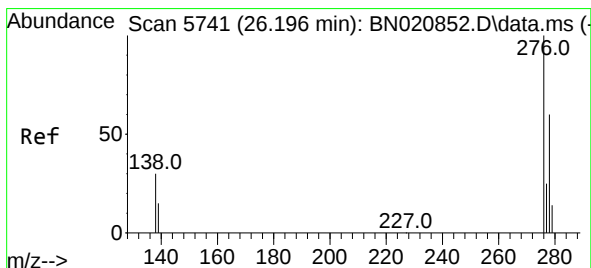
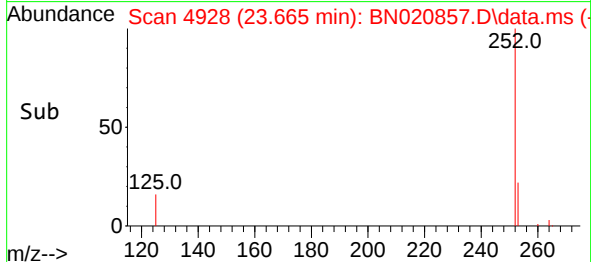
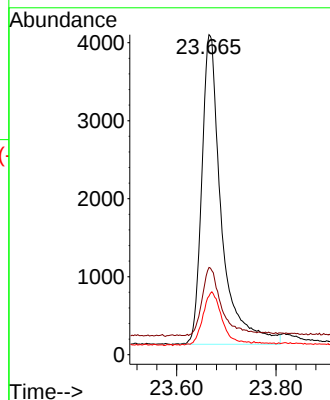
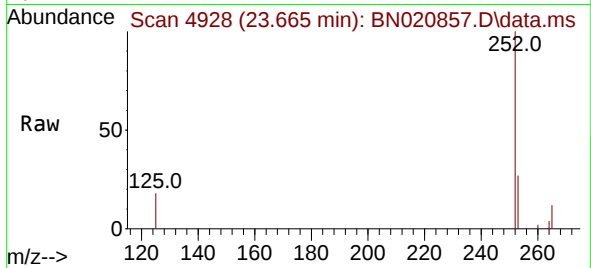




#26
Benzo(a)pyrene
Concen: 0.374 ng/ul
RT: 23.665 min Scan# 4926
Delta R.T. -0.010 min
Lab File: BN020857.D
Acq: 26 Jul 2022 12:00

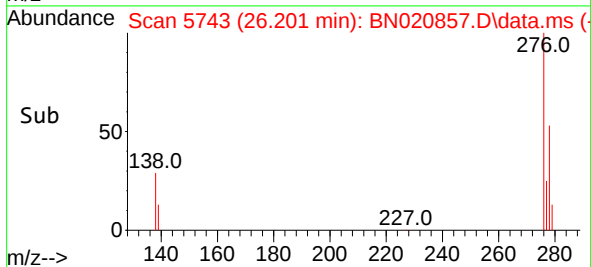
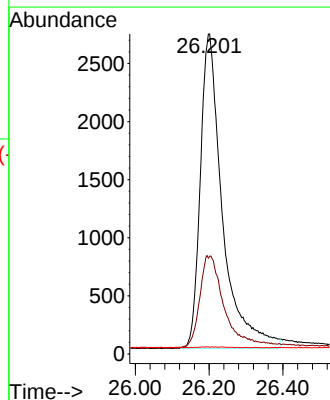
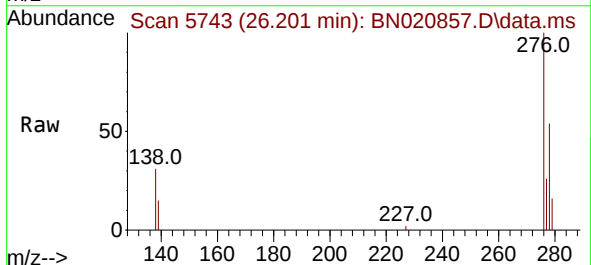
Instrument :
BNA_N
ClientSampleId :
SLCS403

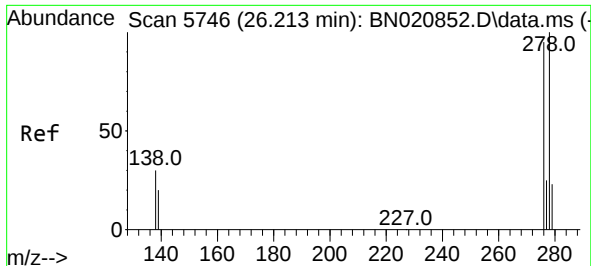
Tgt Ion:252 Resp: 10861
Ion Ratio Lower Upper
252 100
253 27.3 21.0 31.4
125 18.3 18.8 28.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.369 ng/ul
RT: 26.201 min Scan# 5743
Delta R.T. -0.008 min
Lab File: BN020857.D
Acq: 26 Jul 2022 12:00

Tgt Ion:276 Resp: 11279
Ion Ratio Lower Upper
276 100
138 32.5 27.4 41.2
227 0.1 0.2 0.2#

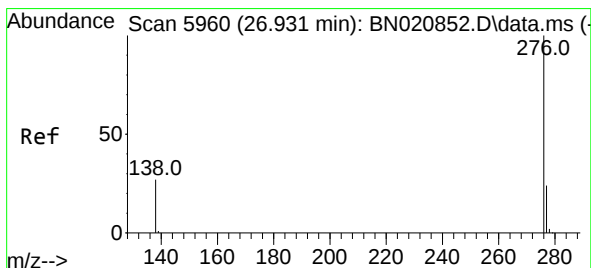
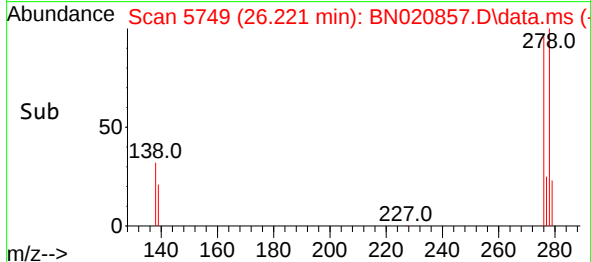
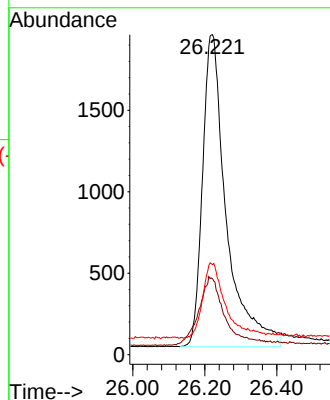
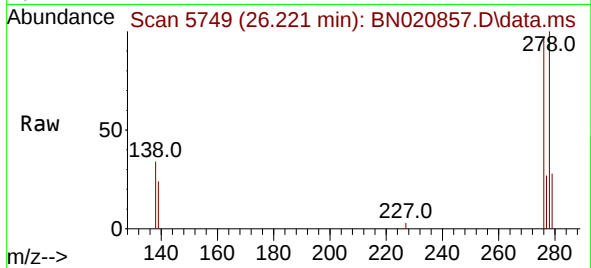




#28
 Dibenzo(a,h)anthracene
 Concen: 0.378 ng/ul
 RT: 26.221 min Scan# 51
 Delta R.T. -0.008 min
 Lab File: BN020857.D
 Acq: 26 Jul 2022 12:00

Instrument :
 BNA_N
 ClientSampleId :
 SLCS403

Tgt Ion:278 Resp: 8796
 Ion Ratio Lower Upper
 278 100
 139 23.7 18.8 28.2
 279 28.2 21.4 32.0



#29
 Benzo(g,h,i)perylene
 Concen: 0.367 ng/ul
 RT: 26.939 min Scan# 5963
 Delta R.T. -0.008 min
 Lab File: BN020857.D
 Acq: 26 Jul 2022 12:00

Tgt Ion:276 Resp: 10108
 Ion Ratio Lower Upper
 276 100
 138 29.5 23.5 35.3
 277 25.7 20.1 30.1

