

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072222\
 Data File : BN020817.D
 Acq On : 22 Jul 2022 13:04
 Operator : CG/JU
 Sample : PB146344BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS344

Quant Time: Jul 22 23:35:37 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 : Wed Jul 20 01:02:30 2022
 Response via : Initial Calibration

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

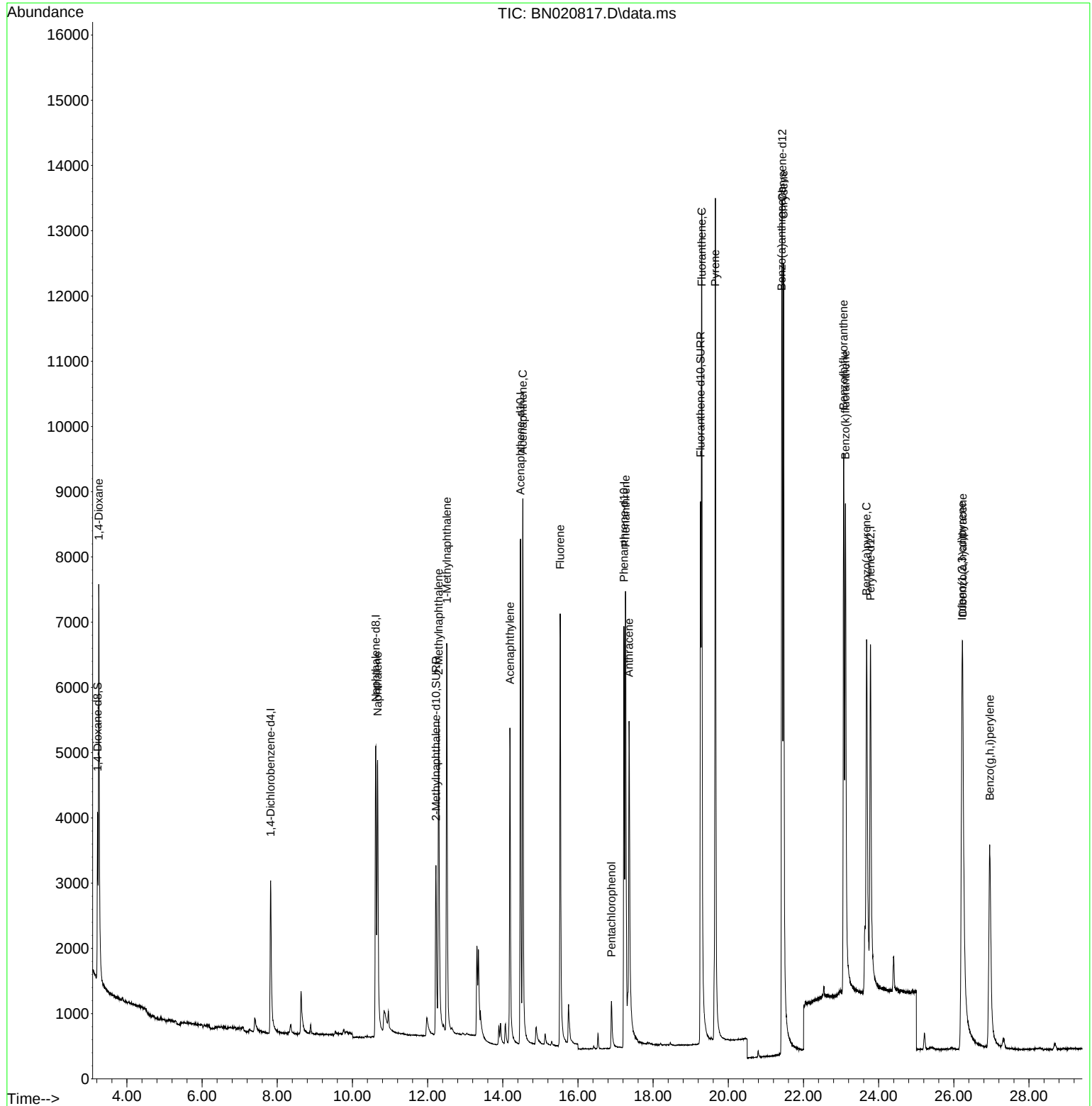
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.825	152	1879	0.400	ng/ul	0.00
4) Naphthalene-d8	10.621	136	7888	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.472	164	5078	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.224	188	9188	0.400	ng/ul	0.00
17) Chrysene-d12	21.434	240	9743	0.400	ng/ul	0.00
23) Perylene-d12	23.781	264	8135	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	1802	0.828	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.221	152	4437	0.343	ng/ul	0.00
18) Fluoranthene-d10	19.260	212	11203	0.349	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.251	88	4004	1.801	ng/ul#	85
5) Naphthalene	10.671	128	7272	0.299	ng/ul	99
7) 2-Methylnaphthalene	12.293	142	4627	0.284	ng/ul	98
8) 1-Methylnaphthalene	12.513	142	5024	0.325	ng/ul	100
10) Acenaphthylene	14.190	152	6900	0.287	ng/ul	99
11) Acenaphthene	14.532	153	5594	0.290	ng/ul	100
12) Fluorene	15.527	166	5522	0.242	ng/ul	98
14) Pentachlorophenol	16.890	266	746	0.403	ng/ul	99
15) Phenanthrene	17.266	178	9327	0.292	ng/ul	99
16) Anthracene	17.359	178	7574	0.275	ng/ul	98
19) Fluoranthene	19.293	202	12723	0.286	ng/ul	99
20) Pyrene	19.655	202	13414	0.291	ng/ul	97
21) Benzo(a)anthracene	21.420	228	9651	0.276	ng/ul	100
22) Chrysene	21.469	228	12412	0.319	ng/ul	99
24) Benzo(b)fluoranthene	23.068	252	11720	0.311	ng/ul	98
25) Benzo(k)fluoranthene	23.115	252	12280	0.323	ng/ul	97
26) Benzo(a)pyrene	23.679	252	10695	0.313	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.218	276	11358	0.334	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.234	278	8720	0.317	ng/ul	97
29) Benzo(g,h,i)perylene	26.956	276	8525	0.292	ng/ul	98

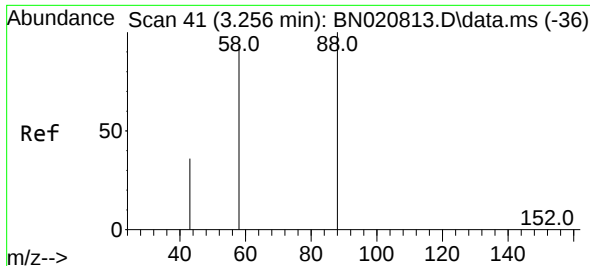
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072222\
Data File : BN020817.D
Acq On : 22 Jul 2022 13:04
Operator : CG/JU
Sample : PB146344BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS344

Quant Time: Jul 22 23:35:37 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 : Wed Jul 20 01:02:30 2022
Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 1.801 ng/ul

RT: 3.251 min Scan# 40

Delta R.T. -0.005 min

Lab File: BN020817.D

Acq: 22 Jul 2022 13:04

Instrument :

BNA_N

ClientSampleId :

SLCS344

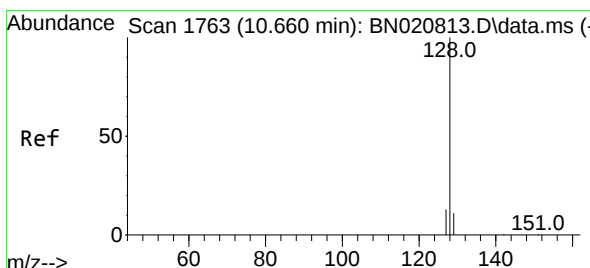
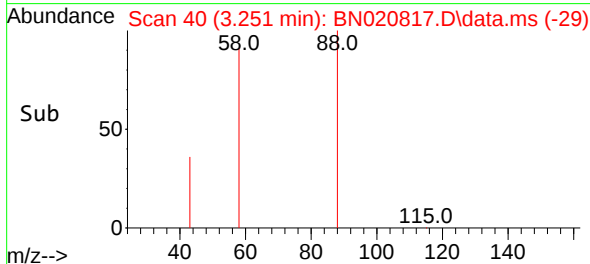
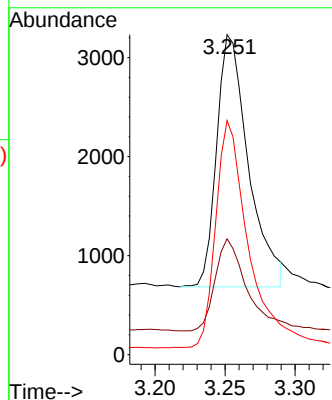
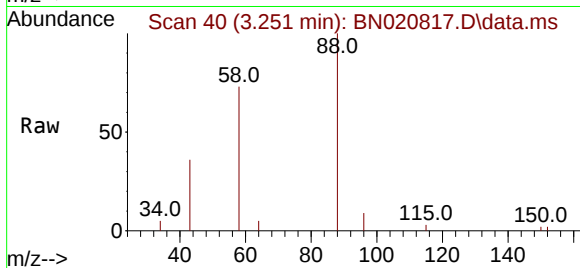
Tgt Ion: 88 Resp: 4004

Ion Ratio Lower Upper

88 100

43 36.2 32.5 48.7

58 73.1 46.2 69.2#



#5

Naphthalene

Concen: 0.299 ng/ul

RT: 10.671 min Scan# 1765

Delta R.T. 0.004 min

Lab File: BN020817.D

Acq: 22 Jul 2022 13:04

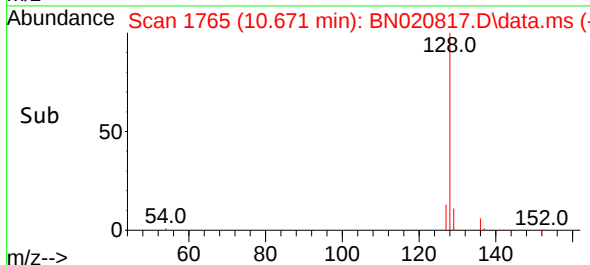
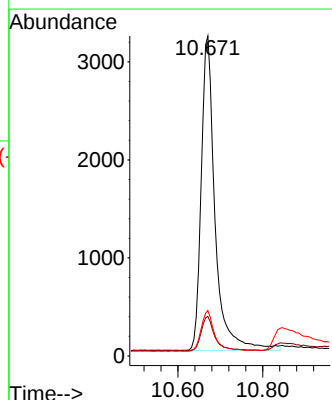
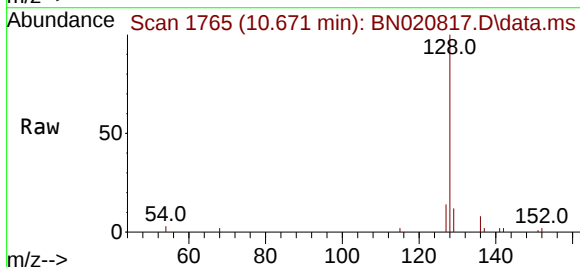
Tgt Ion: 128 Resp: 7272

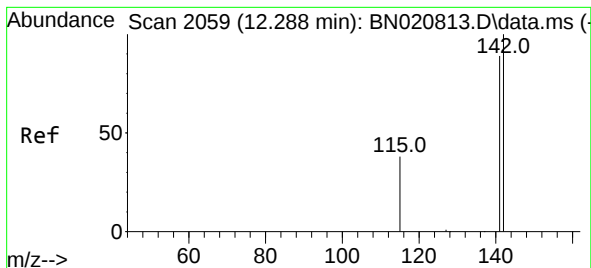
Ion Ratio Lower Upper

128 100

129 12.3 9.5 14.3

127 14.2 11.3 16.9





#7

2-Methylnaphthalene

Concen: 0.284 ng/ul

RT: 12.293 min Scan# 2100

Delta R.T. -0.002 min

Lab File: BN020817.D

Acq: 22 Jul 2022 13:04

Instrument :

BNA_N

ClientSampleId :

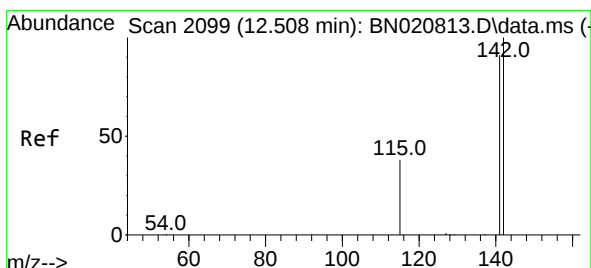
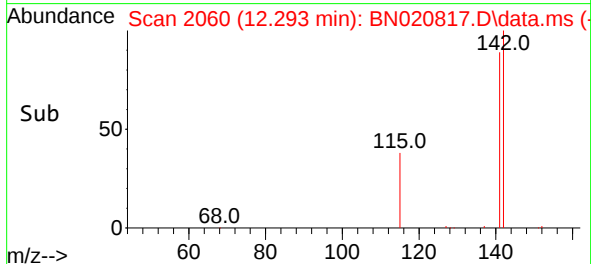
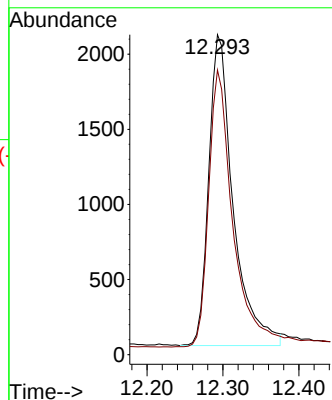
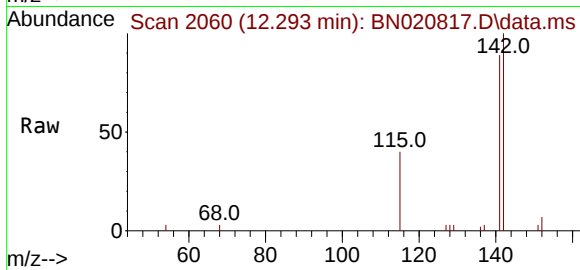
SLCS344

Tgt Ion:142 Resp: 4627

Ion Ratio Lower Upper

142 100

141 88.5 72.1 108.1



#8

1-Methylnaphthalene

Concen: 0.325 ng/ul

RT: 12.513 min Scan# 2100

Delta R.T. 0.004 min

Lab File: BN020817.D

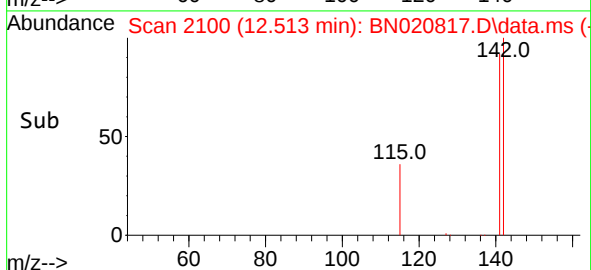
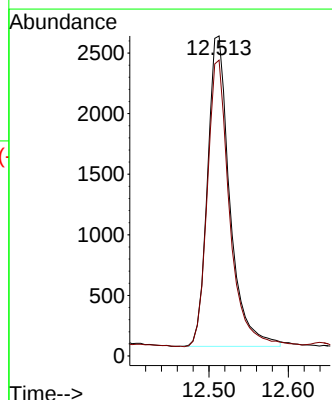
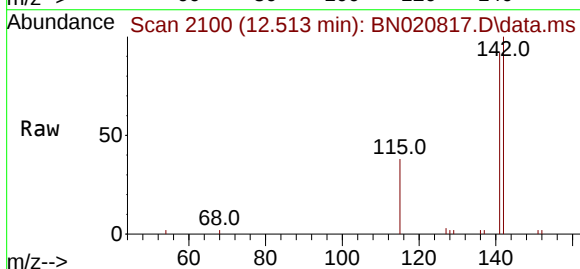
Acq: 22 Jul 2022 13:04

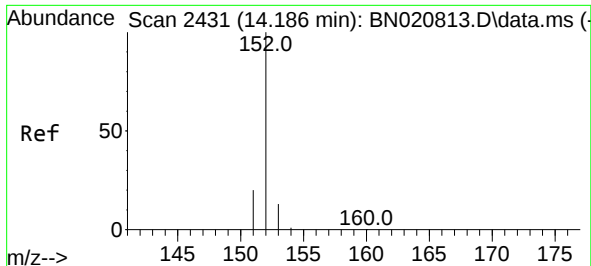
Tgt Ion:142 Resp: 5024

Ion Ratio Lower Upper

142 100

141 91.8 73.7 110.5

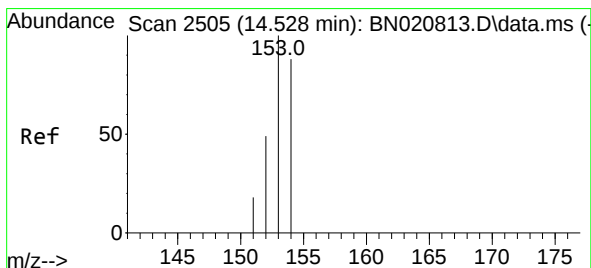
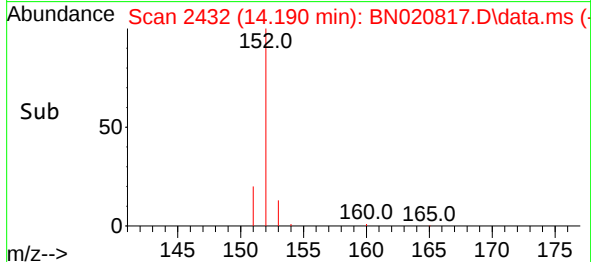
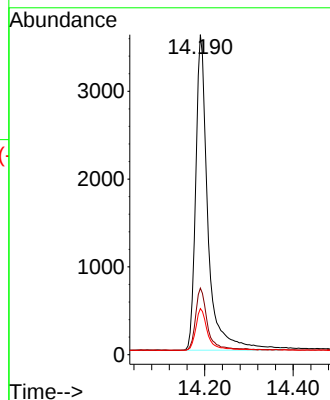
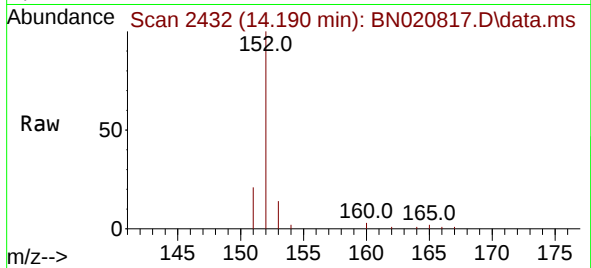




#10
Acenaphthylene
Concen: 0.287 ng/ul
RT: 14.190 min Scan# 2431
Delta R.T. 0.002 min
Lab File: BN020817.D
Acq: 22 Jul 2022 13:04

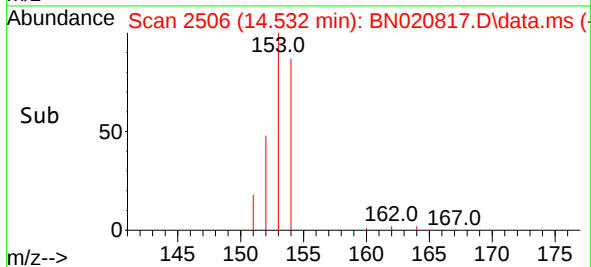
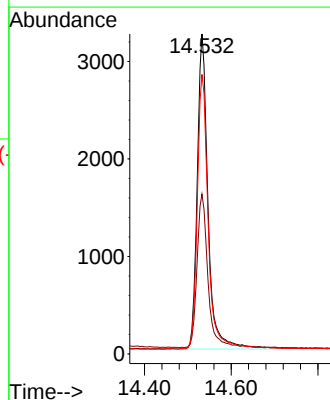
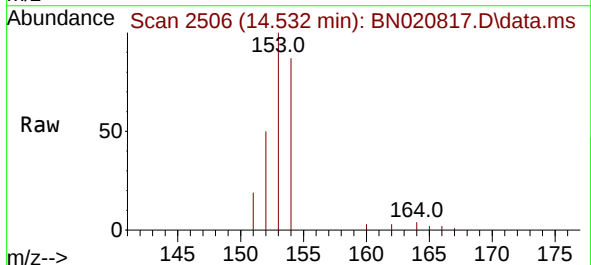
Instrument :
BNA_N
ClientSampleId :
SLCS344

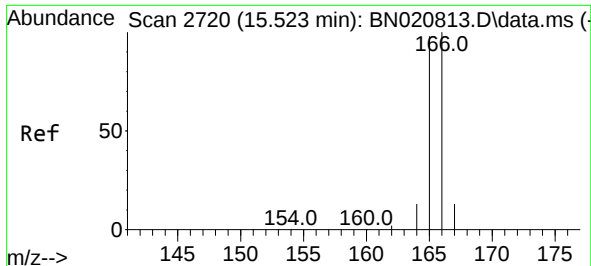
Tgt Ion:152 Resp: 6900
Ion Ratio Lower Upper
152 100
151 20.8 16.5 24.7
153 14.4 11.1 16.7



#11
Acenaphthene
Concen: 0.290 ng/ul
RT: 14.532 min Scan# 2506
Delta R.T. 0.002 min
Lab File: BN020817.D
Acq: 22 Jul 2022 13:04

Tgt Ion:153 Resp: 5594
Ion Ratio Lower Upper
153 100
152 50.0 40.0 60.0
154 87.4 70.0 105.0

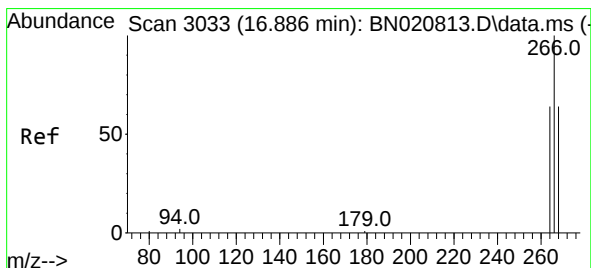
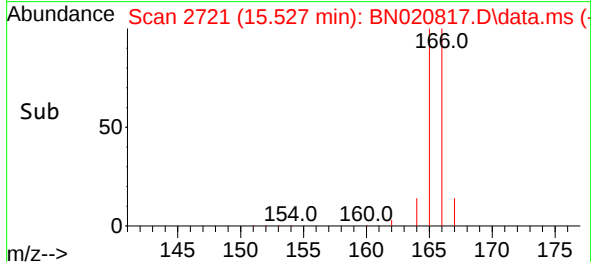
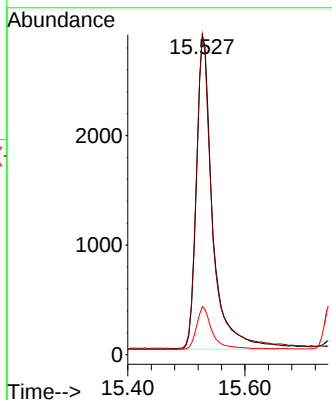
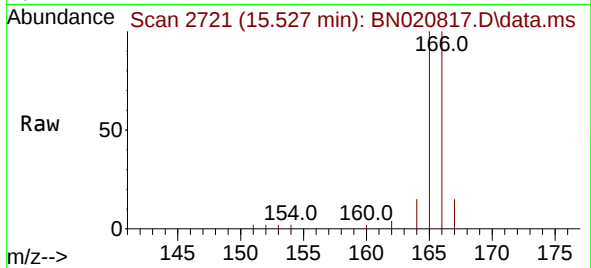




#12
Fluorene
Concen: 0.242 ng/ul
RT: 15.527 min Scan# 21
Delta R.T. 0.002 min
Lab File: BN020817.D
Acq: 22 Jul 2022 13:04

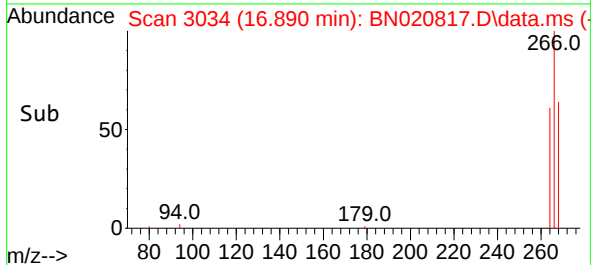
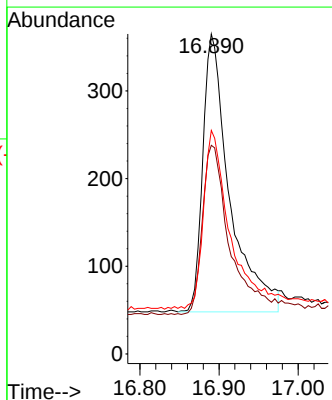
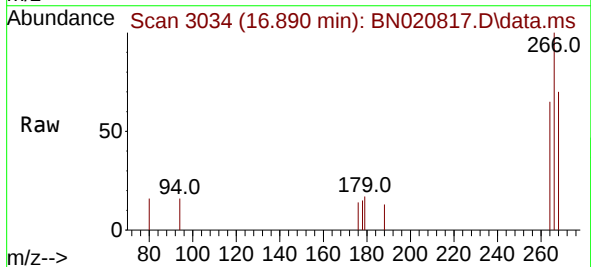
Instrument :
BNA_N
ClientSampleId :
SLCS344

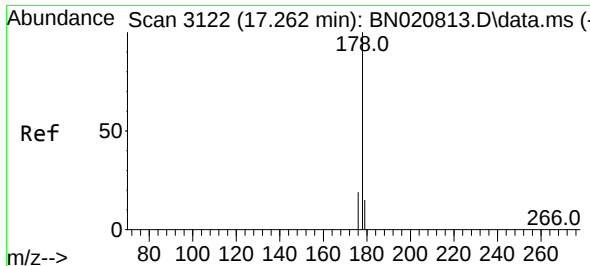
Tgt Ion:166 Resp: 5522
Ion Ratio Lower Upper
166 100
165 99.9 78.2 117.2
167 15.1 11.3 16.9



#14
Pentachlorophenol
Concen: 0.403 ng/ul
RT: 16.890 min Scan# 3034
Delta R.T. -0.002 min
Lab File: BN020817.D
Acq: 22 Jul 2022 13:04

Tgt Ion:266 Resp: 746
Ion Ratio Lower Upper
266 100
264 63.0 51.6 77.4
268 63.8 51.5 77.3

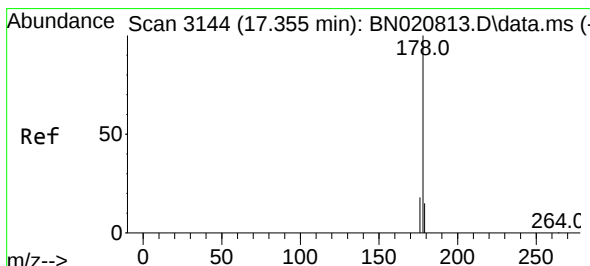
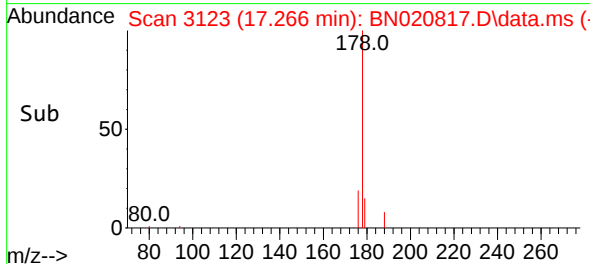
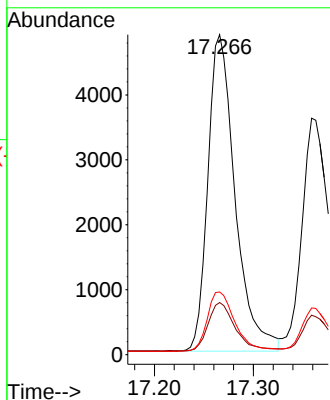
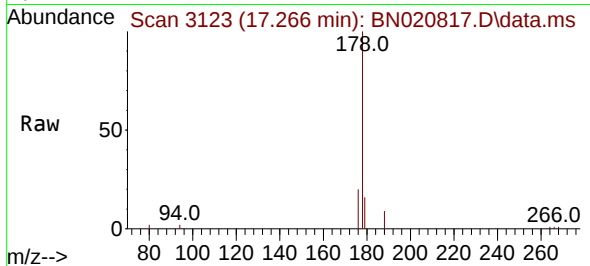




#15
Phenanthrene
Concen: 0.292 ng/ul
RT: 17.266 min Scan# 3122
Delta R.T. 0.002 min
Lab File: BN020817.D
Acq: 22 Jul 2022 13:04

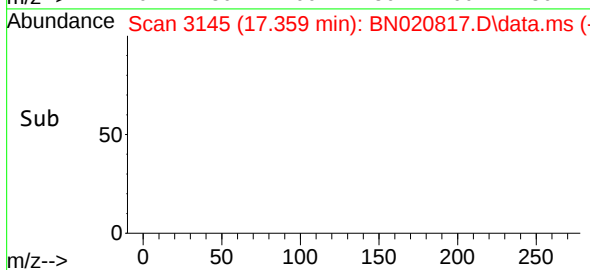
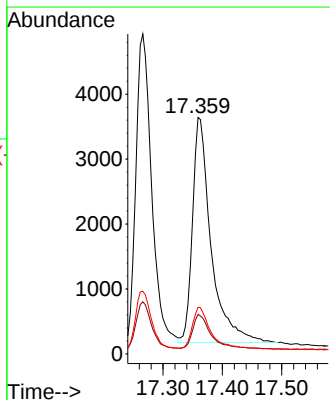
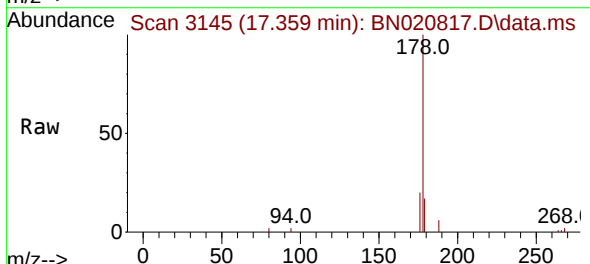
Instrument :
BNA_N
ClientSampleId :
SLCS344

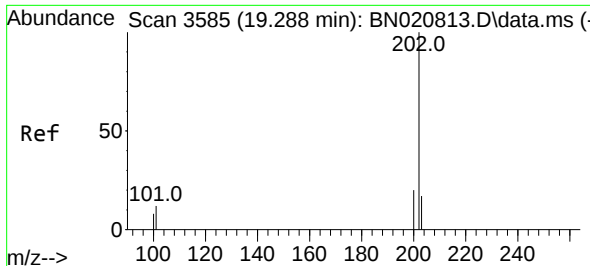
Tgt Ion:178 Resp: 9327
Ion Ratio Lower Upper
178 100
179 16.3 12.6 18.8
176 19.6 15.8 23.6



#16
Anthracene
Concen: 0.275 ng/ul
RT: 17.359 min Scan# 3145
Delta R.T. -0.003 min
Lab File: BN020817.D
Acq: 22 Jul 2022 13:04

Tgt Ion:178 Resp: 7574
Ion Ratio Lower Upper
178 100
179 16.7 12.8 19.2
176 19.8 15.2 22.8

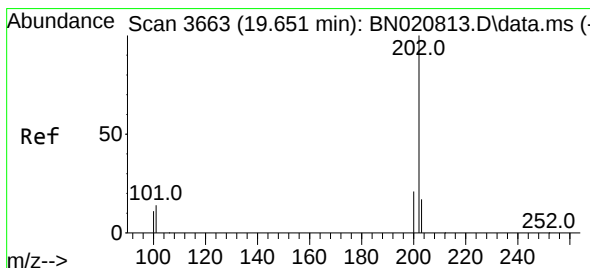
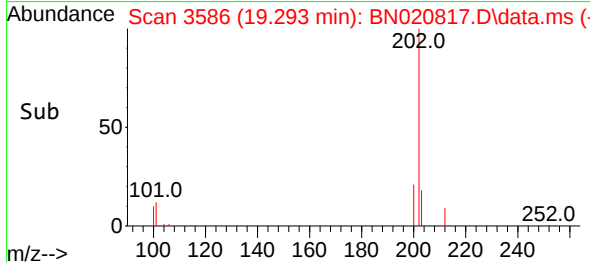
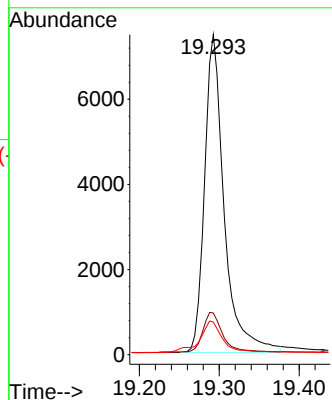
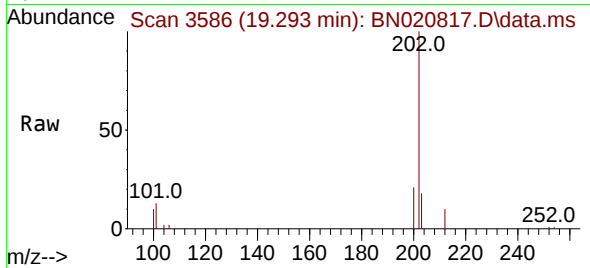




#19
Fluoranthene
Concen: 0.286 ng/u1
RT: 19.293 min Scan# 3586
Delta R.T. 0.002 min
Lab File: BN020817.D
Acq: 22 Jul 2022 13:04

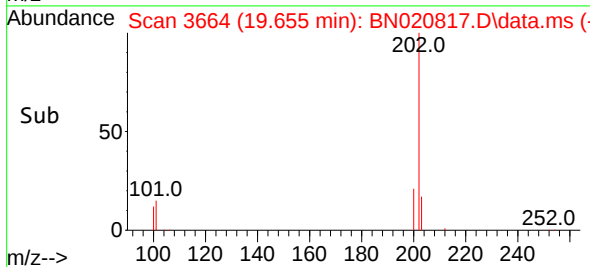
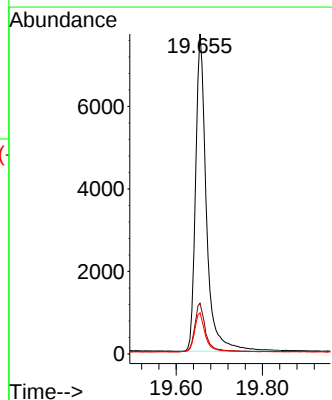
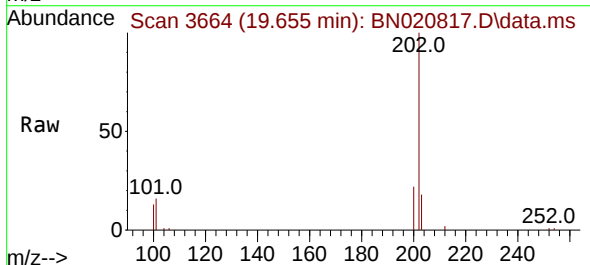
Instrument :
BNA_N
ClientSampleId :
SLCS344

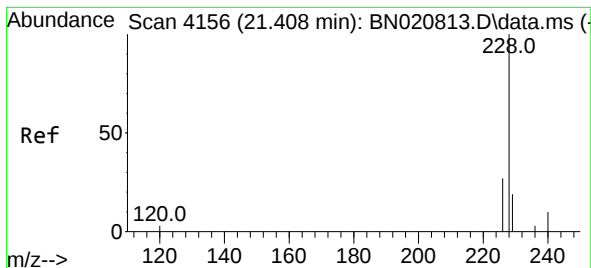
Tgt Ion:202 Resp: 12723
Ion Ratio Lower Upper
202 100
101 13.1 10.3 15.5
100 10.2 7.8 11.6



#20
Pyrene
Concen: 0.291 ng/u1
RT: 19.655 min Scan# 3664
Delta R.T. 0.002 min
Lab File: BN020817.D
Acq: 22 Jul 2022 13:04

Tgt Ion:202 Resp: 13414
Ion Ratio Lower Upper
202 100
101 15.8 11.6 17.4
100 12.9 9.2 13.8





#21

Benzo(a)anthracene

Concen: 0.276 ng/ul

RT: 21.420 min Scan# 4160

Delta R.T. 0.005 min

Lab File: BN020817.D

Acq: 22 Jul 2022 13:04

Instrument :

BNA_N

ClientSampleId :

SLCS344

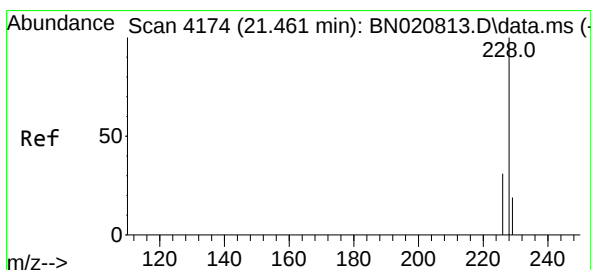
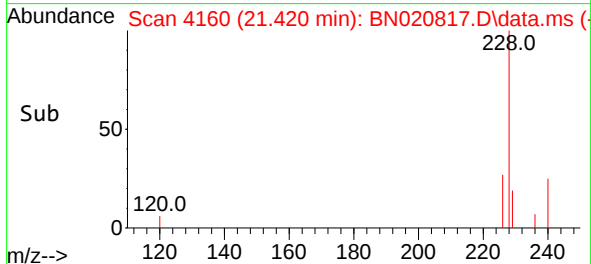
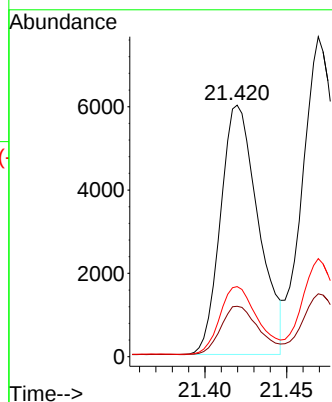
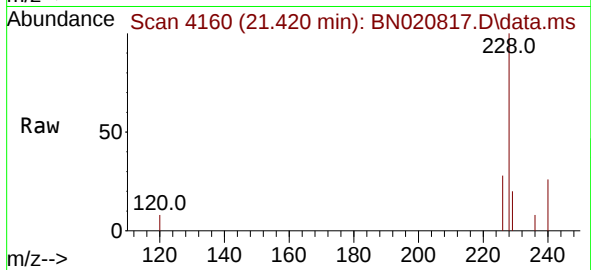
Tgt Ion:228 Resp: 9651

Ion Ratio Lower Upper

228 100

229 20.1 15.9 23.9

226 27.9 22.2 33.2



#22

Chrysene

Concen: 0.319 ng/ul

RT: 21.469 min Scan# 4177

Delta R.T. 0.002 min

Lab File: BN020817.D

Acq: 22 Jul 2022 13:04

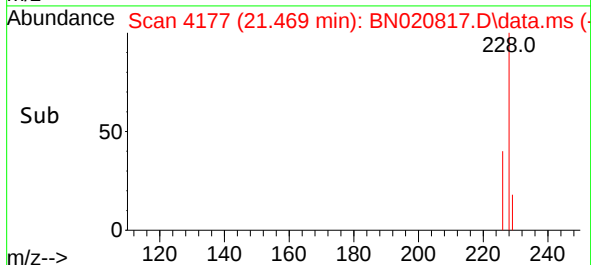
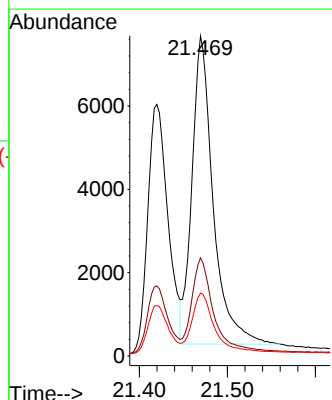
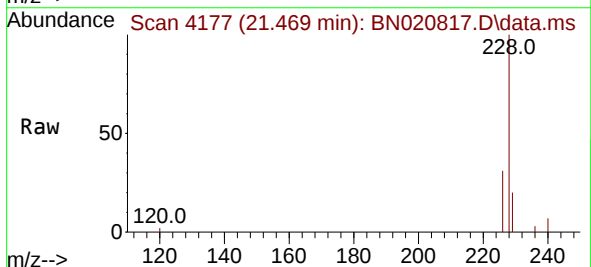
Tgt Ion:228 Resp: 12412

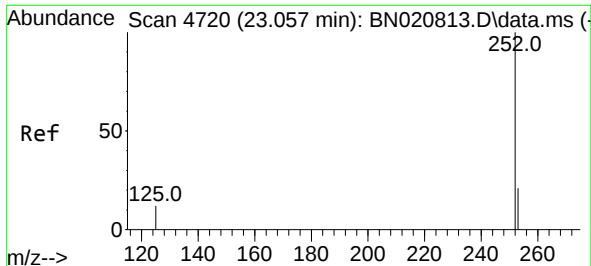
Ion Ratio Lower Upper

228 100

226 30.6 23.9 35.9

229 19.6 15.8 23.8

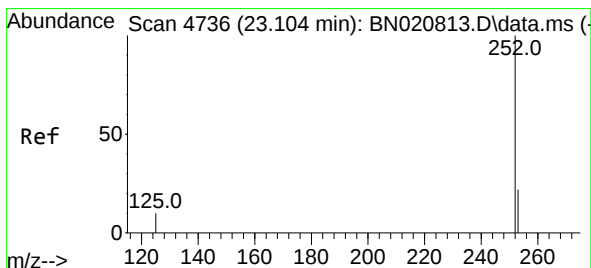
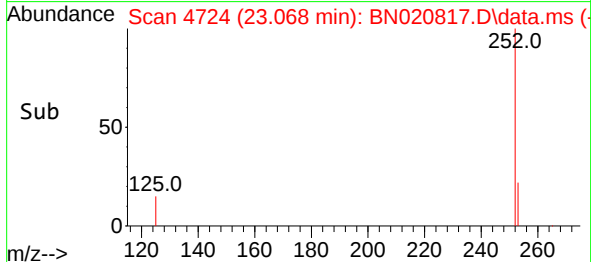
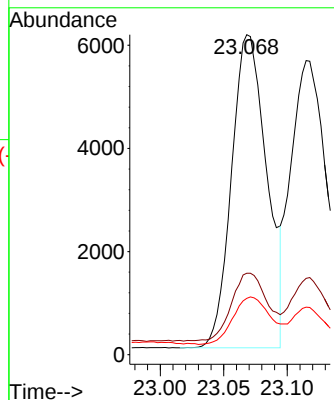
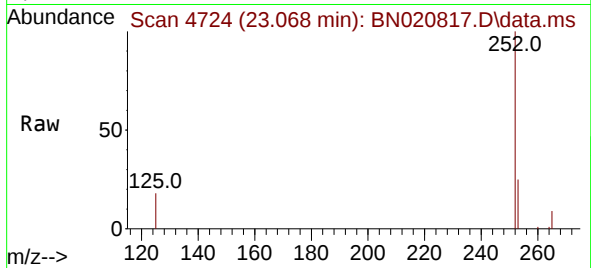




#24
Benzo(b)fluoranthene
Concen: 0.311 ng/ul
RT: 23.068 min Scan# 4724
Delta R.T. 0.005 min
Lab File: BN020817.D
Acq: 22 Jul 2022 13:04

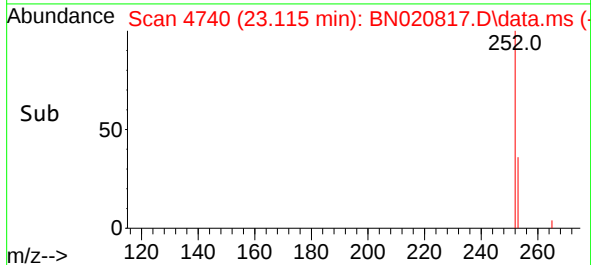
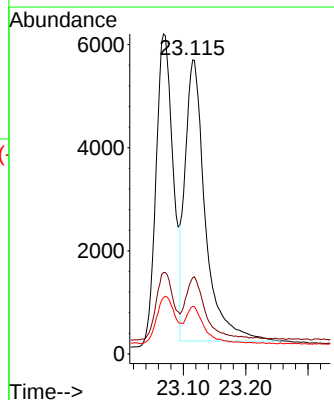
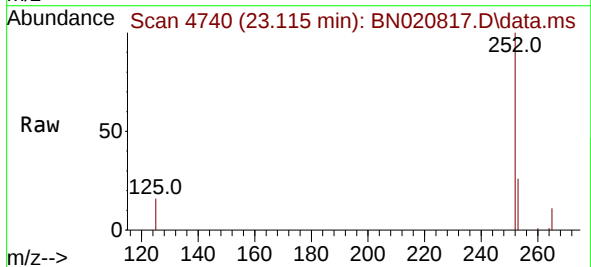
Instrument :
BNA_N
ClientSampleId :
SLCS344

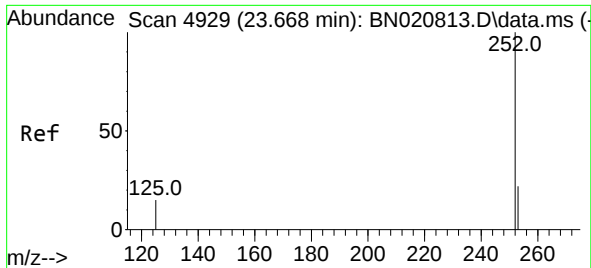
Tgt Ion:252 Resp: 11720
Ion Ratio Lower Upper
252 100
253 25.5 0.0 48.6
125 17.6 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.323 ng/ul
RT: 23.115 min Scan# 4740
Delta R.T. 0.002 min
Lab File: BN020817.D
Acq: 22 Jul 2022 13:04

Tgt Ion:252 Resp: 12280
Ion Ratio Lower Upper
252 100
253 26.0 19.7 29.5
125 16.1 12.0 18.0

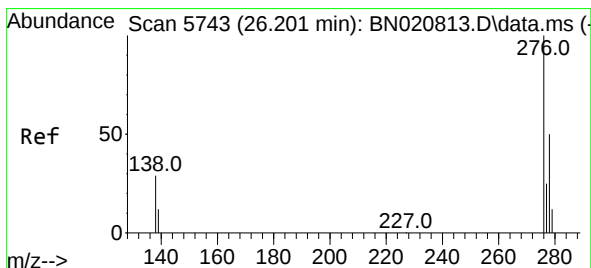
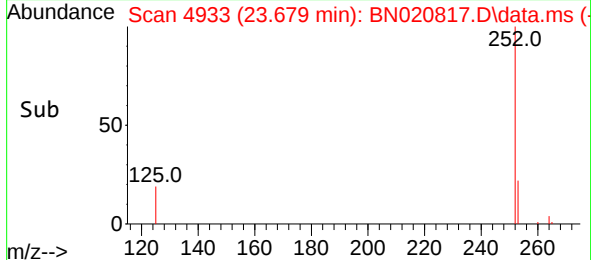
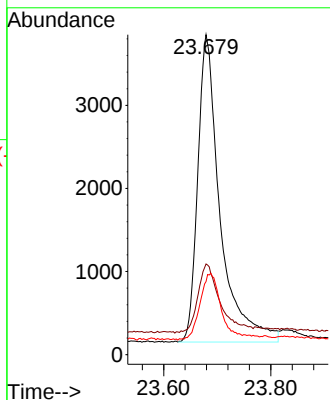
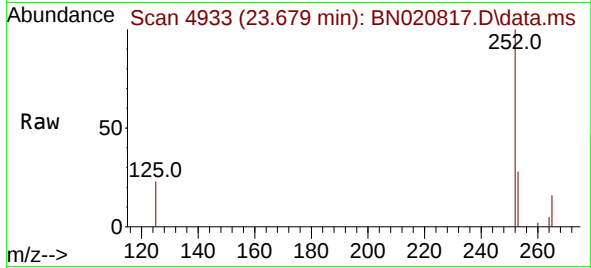




#26
Benzo(a)pyrene
Concen: 0.313 ng/ul
RT: 23.679 min Scan# 4929
Delta R.T. 0.005 min
Lab File: BN020817.D
Acq: 22 Jul 2022 13:04

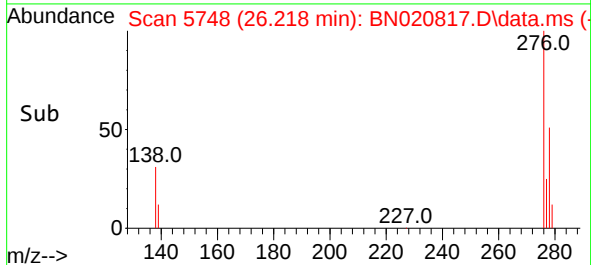
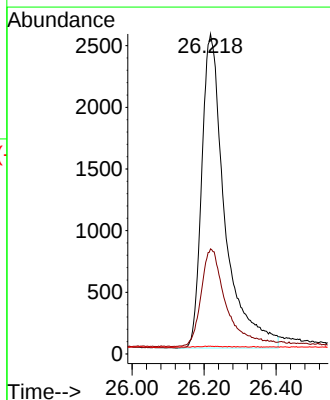
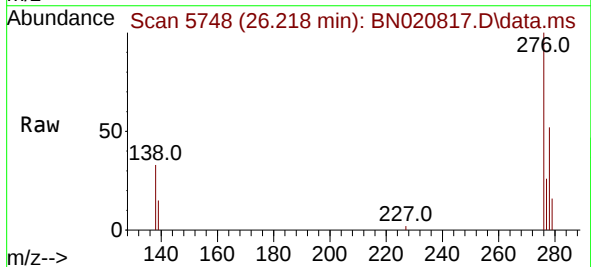
Instrument :
BNA_N
ClientSampleId :
SLCS344

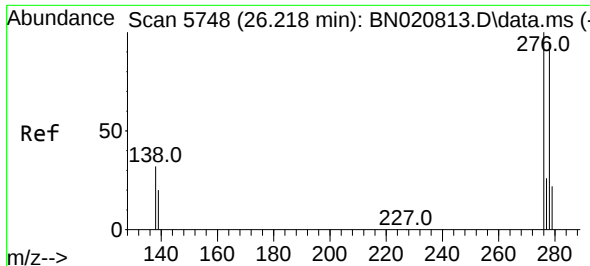
Tgt Ion:252 Resp: 10695
Ion Ratio Lower Upper
252 100
253 28.4 21.0 31.4
125 22.9 18.8 28.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.334 ng/ul
RT: 26.218 min Scan# 5748
Delta R.T. 0.002 min
Lab File: BN020817.D
Acq: 22 Jul 2022 13:04

Tgt Ion:276 Resp: 11358
Ion Ratio Lower Upper
276 100
138 34.0 27.4 41.2
227 0.0 0.2 0.2#

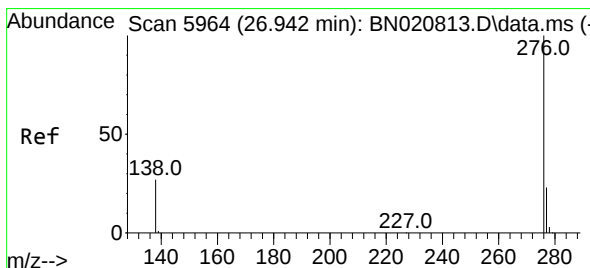
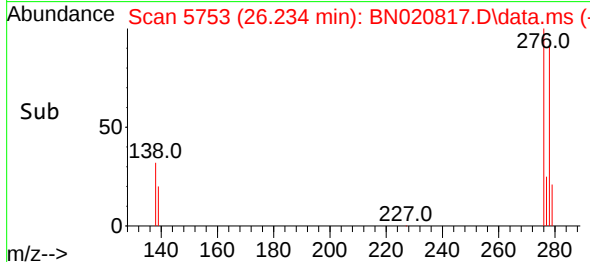
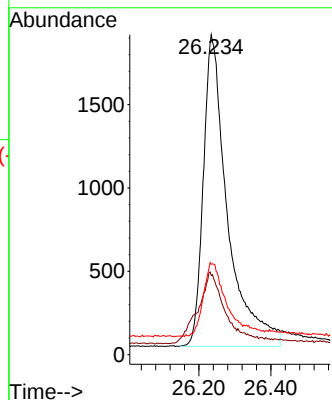
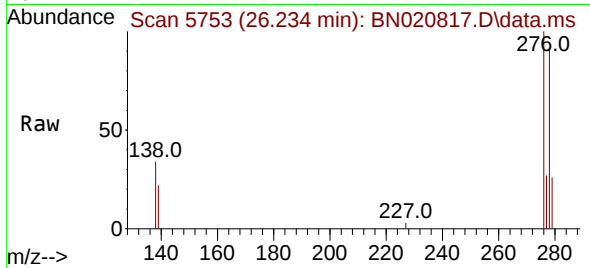




#28
Dibenzo(a,h)anthracene
Concen: 0.317 ng/ul
RT: 26.234 min Scan# 51
Delta R.T. 0.002 min
Lab File: BN020817.D
Acq: 22 Jul 2022 13:04

Instrument :
BNA_N
ClientSampleId :
SLCS344

Tgt Ion:278 Resp: 8720
Ion Ratio Lower Upper
278 100
139 24.7 18.8 28.2
279 28.2 21.4 32.0



#29
Benzo(g,h,i)perylene
Concen: 0.292 ng/ul
RT: 26.956 min Scan# 5968
Delta R.T. 0.006 min
Lab File: BN020817.D
Acq: 22 Jul 2022 13:04

Tgt Ion:276 Resp: 8525
Ion Ratio Lower Upper
276 100
138 30.7 23.5 35.3
277 25.4 20.1 30.1

