

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042623\
 Data File : BN025161.D
 Acq On : 27 Apr 2023 00:02
 Operator : CG/JU
 Sample : PB152351BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS351

Quant Time: Apr 27 00:40:30 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 26 15:32:47 2023
 Response via : Initial Calibration

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

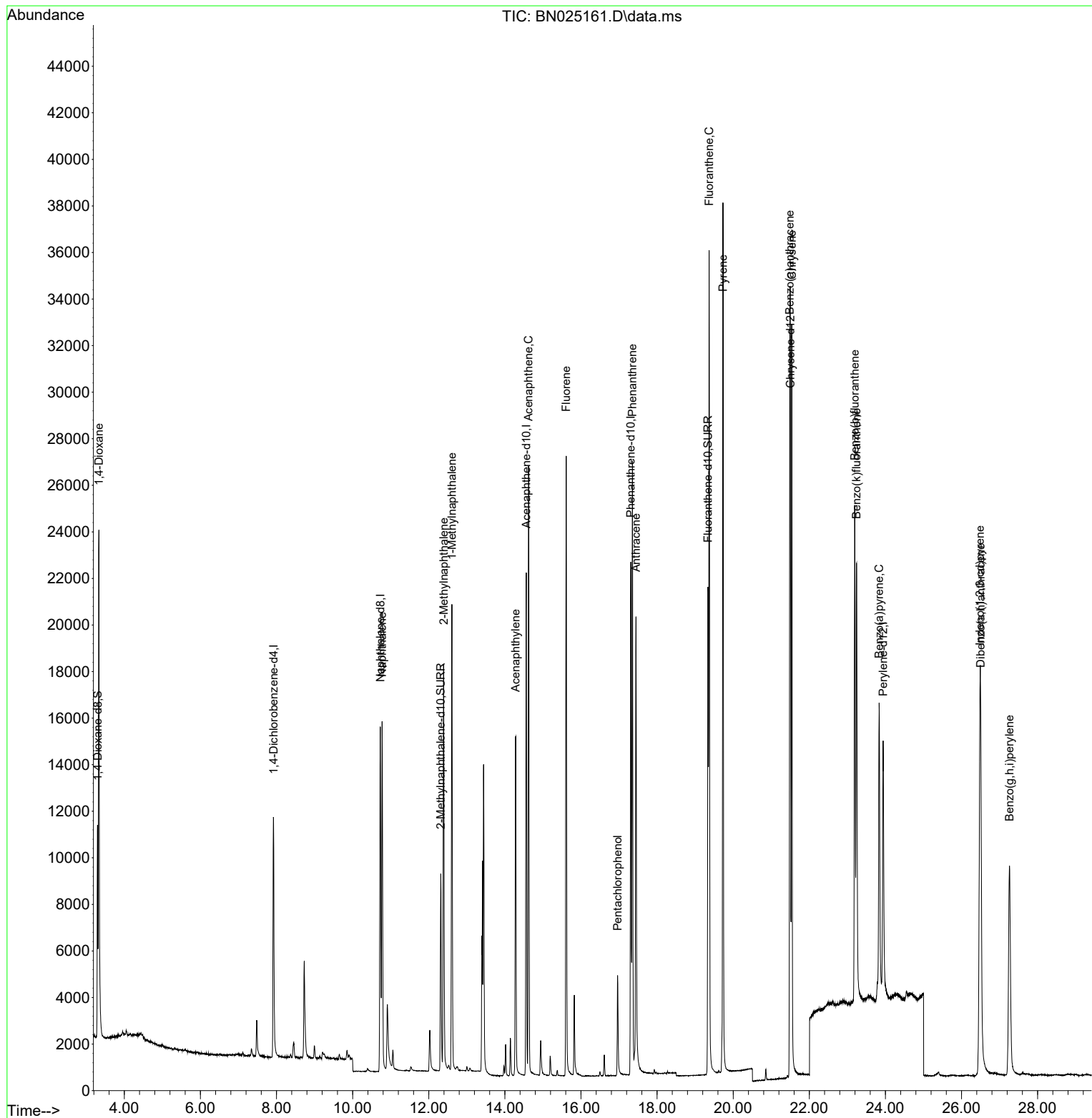
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.921	152	6275	0.400	ng/ul	0.00
4) Naphthalene-d8	10.726	136	20113	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.562	164	11772	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.310	188	25850	0.400	ng/ul	0.00
17) Chrysene-d12	21.503	240	19835	0.400	ng/ul	-0.01
23) Perylene-d12	23.941	264	15932	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	5384	0.829	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.315	152	11186	0.433	ng/ul	0.00
18) Fluoranthene-d10	19.336	212	24172	0.462	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.331	88	13649	1.951	ng/ul	88
5) Naphthalene	10.776	128	20962	0.407	ng/ul	100
7) 2-Methylnaphthalene	12.392	142	13146	0.416	ng/ul	100
8) 1-Methylnaphthalene	12.607	142	14107	0.419	ng/ul	100
10) Acenaphthylene	14.284	152	17537	0.400	ng/ul	100
11) Acenaphthene	14.622	153	15395	0.416	ng/ul	99
12) Fluorene	15.612	166	17342	0.420	ng/ul	98
14) Pentachlorophenol	16.963	266	3290	0.648	ng/ul	100
15) Phenanthrene	17.352	178	28918	0.396	ng/ul	100
16) Anthracene	17.445	178	23696	0.397	ng/ul	100
19) Fluoranthene	19.369	202	31524	0.439	ng/ul	100
20) Pyrene	19.731	202	31899	0.433	ng/ul	99
21) Benzo(a)anthracene	21.486	228	26000	0.435	ng/ul	100
22) Chrysene	21.538	228	29390	0.451	ng/ul	100
24) Benzo(b)fluoranthene	23.193	252	27796	0.430	ng/ul	99
25) Benzo(k)fluoranthene	23.242	252	26843	0.432	ng/ul	100
26) Benzo(a)pyrene	23.836	252	21506	0.402	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.484	276	25407	0.412	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.505	278	20234	0.420	ng/ul	98
29) Benzo(g,h,i)perylene	27.259	276	21678	0.414	ng/ul	99

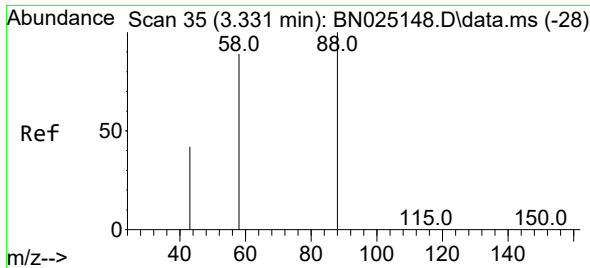
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042623\
Data File : BN025161.D
Acq On : 27 Apr 2023 00:02
Operator : CG/JU
Sample : PB152351BS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS351

Quant Time: Apr 27 00:40:30 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 26 15:32:47 2023
Response via : Initial Calibration

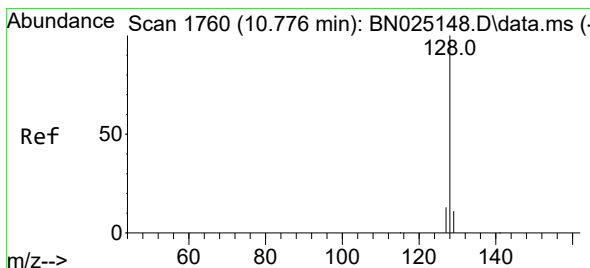
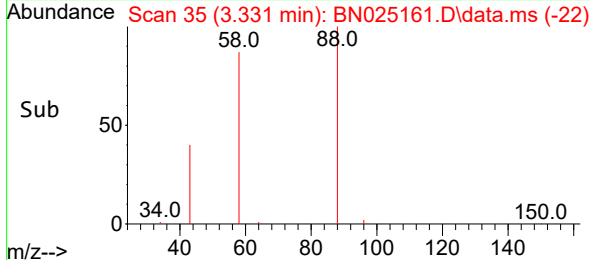
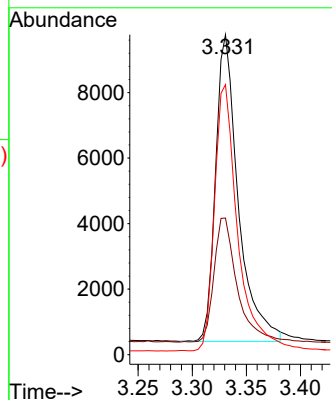
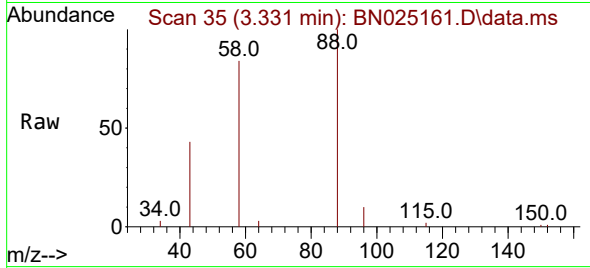




#2
 1,4-Dioxane
 Concen: 1.951 ng/ul
 RT: 3.331 min Scan# 35
 Delta R.T. 0.004 min
 Lab File: BN025161.D
 Acq: 27 Apr 2023 00:02

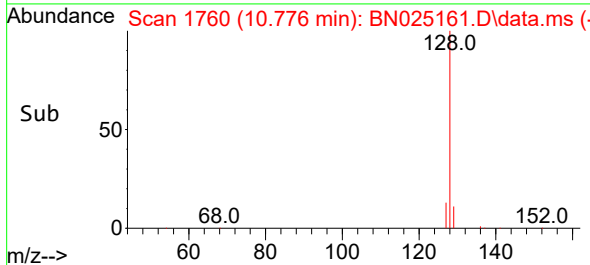
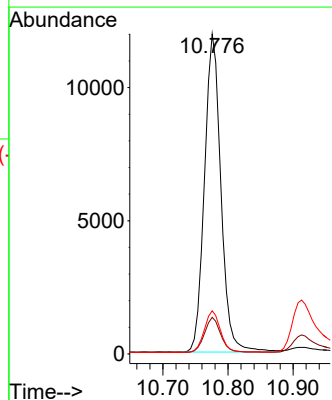
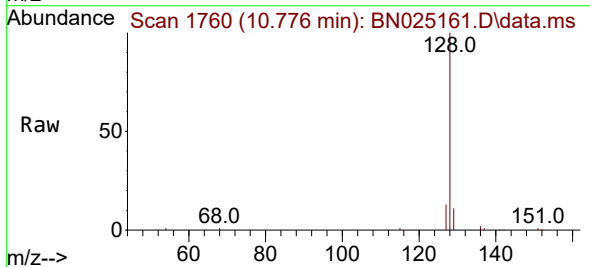
Instrument :
 BNA_N
 ClientSampleId :
 SLCS351

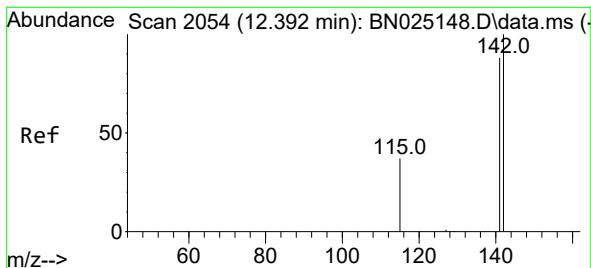
Tgt Ion: 88 Resp: 13649
 Ion Ratio Lower Upper
 88 100
 43 42.7 37.0 55.4
 58 84.4 56.9 85.3



#5
 Naphthalene
 Concen: 0.407 ng/ul
 RT: 10.776 min Scan# 1760
 Delta R.T. 0.001 min
 Lab File: BN025161.D
 Acq: 27 Apr 2023 00:02

Tgt Ion: 128 Resp: 20962
 Ion Ratio Lower Upper
 128 100
 129 11.4 9.0 13.6
 127 13.5 10.7 16.1

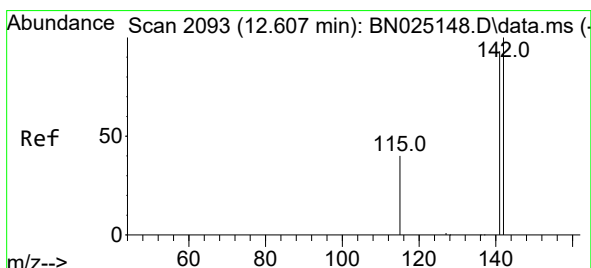
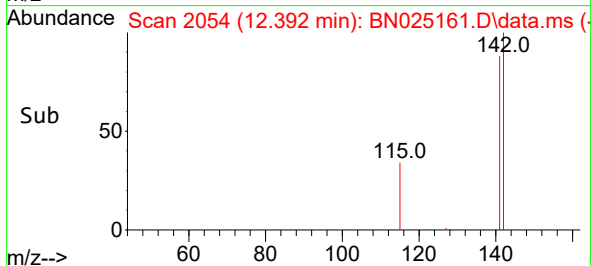
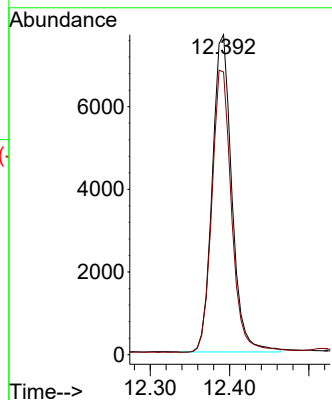
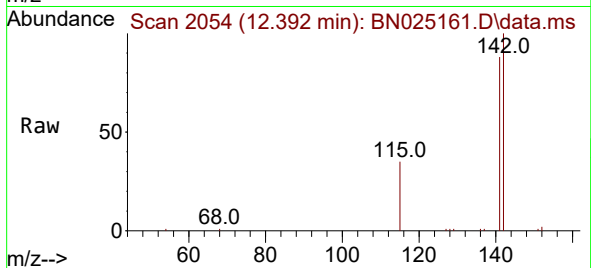




#7
2-Methylnaphthalene
Concen: 0.416 ng/ul
RT: 12.392 min Scan# 2054
Delta R.T. 0.007 min
Lab File: BN025161.D
Acq: 27 Apr 2023 00:02

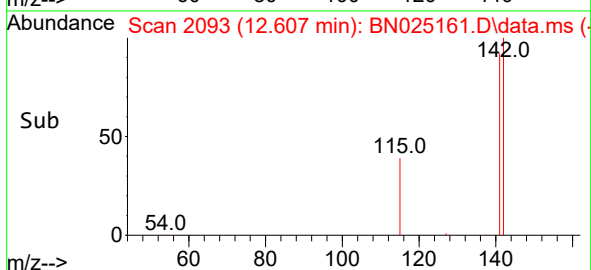
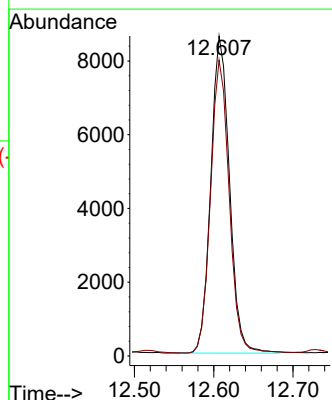
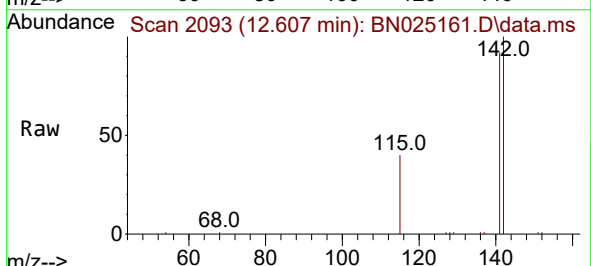
Instrument :
BNA_N
ClientSampleId :
SLCS351

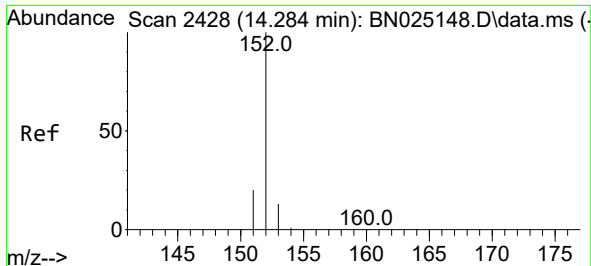
Tgt Ion:142 Resp: 13146
Ion Ratio Lower Upper
142 100
141 89.6 71.4 107.0



#8
1-Methylnaphthalene
Concen: 0.419 ng/ul
RT: 12.607 min Scan# 2093
Delta R.T. 0.001 min
Lab File: BN025161.D
Acq: 27 Apr 2023 00:02

Tgt Ion:142 Resp: 14107
Ion Ratio Lower Upper
142 100
141 91.9 73.8 110.6

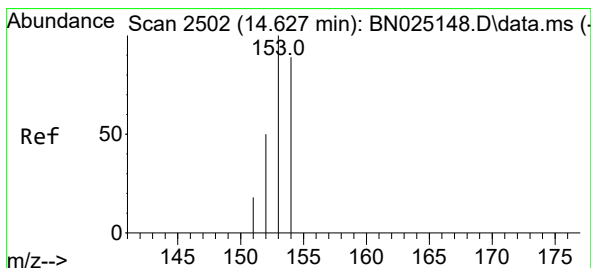
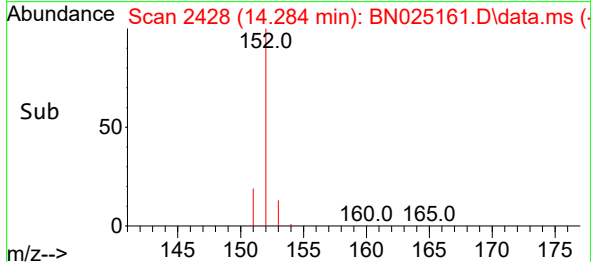
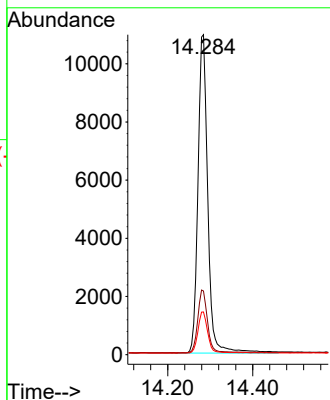
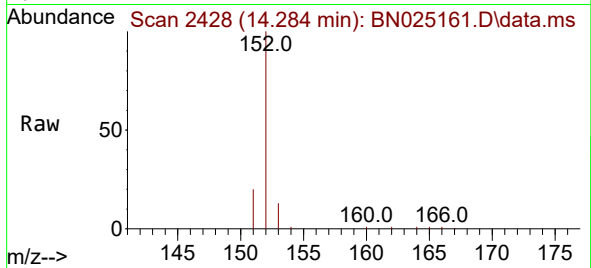




#10
Acenaphthylene
Concen: 0.400 ng/ul
RT: 14.284 min Scan# 2428
Delta R.T. 0.001 min
Lab File: BN025161.D
Acq: 27 Apr 2023 00:02

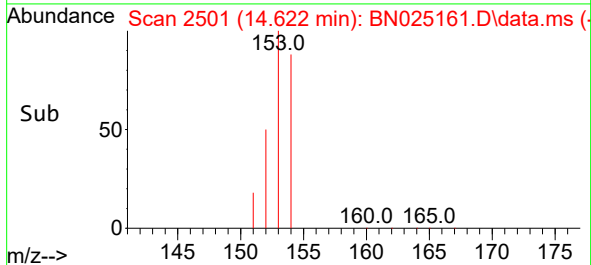
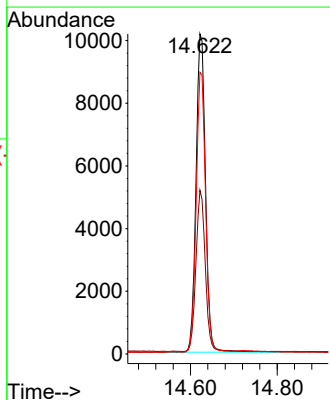
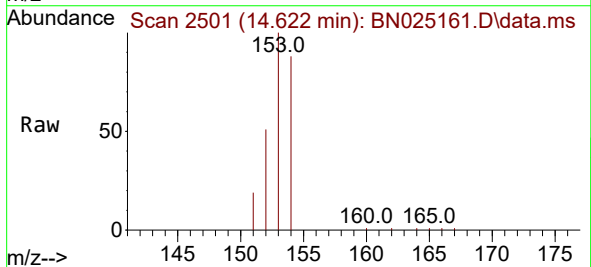
Instrument :
BNA_N
ClientSampleId :
SLCS351

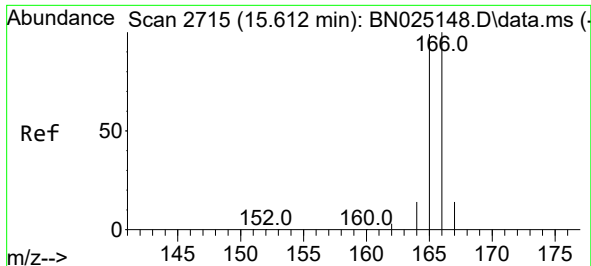
Tgt Ion:152 Resp: 17537
Ion Ratio Lower Upper
152 100
151 19.9 16.0 24.0
153 13.4 10.8 16.2



#11
Acenaphthene
Concen: 0.416 ng/ul
RT: 14.622 min Scan# 2501
Delta R.T. -0.004 min
Lab File: BN025161.D
Acq: 27 Apr 2023 00:02

Tgt Ion:153 Resp: 15395
Ion Ratio Lower Upper
153 100
152 51.2 40.2 60.4
154 88.0 69.4 104.2

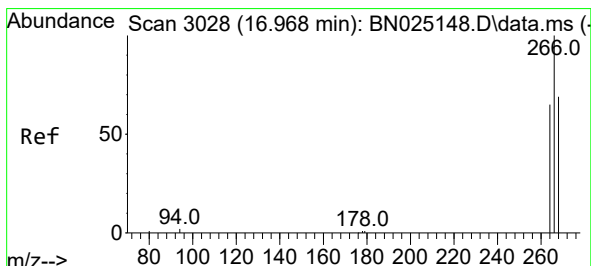
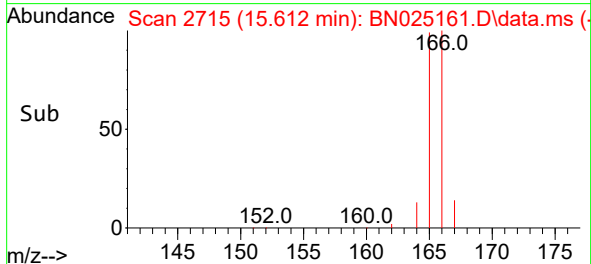
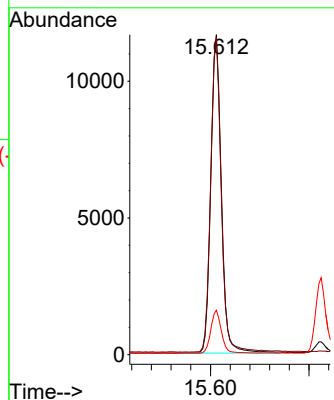
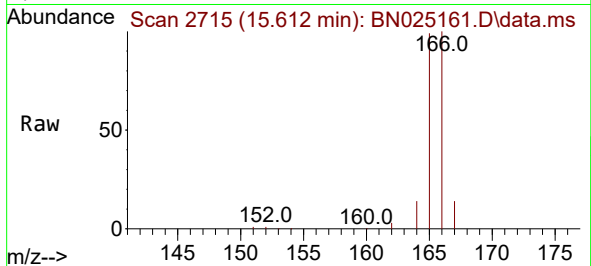




#12
Fluorene
Concen: 0.420 ng/ul
RT: 15.612 min Scan# 21
Delta R.T. 0.001 min
Lab File: BN025161.D
Acq: 27 Apr 2023 00:02

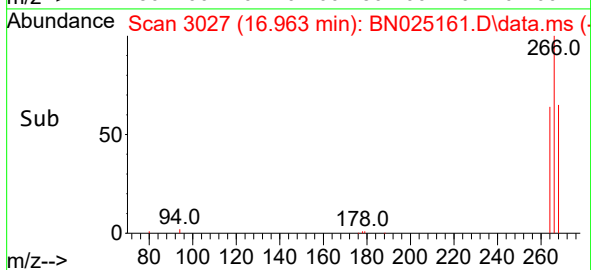
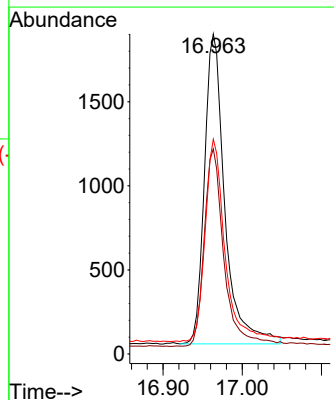
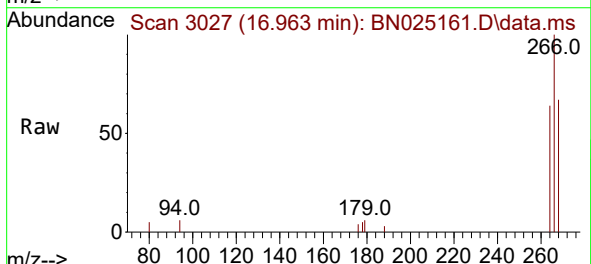
Instrument :
BNA_N
ClientSampleId :
SLCS351

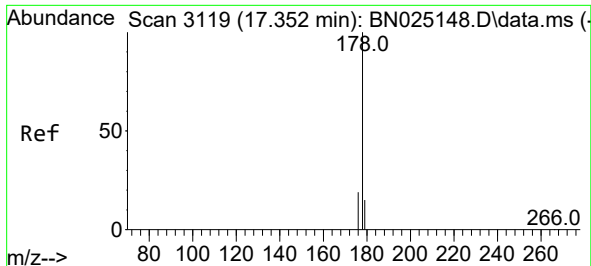
Tgt Ion:166 Resp: 17342
Ion Ratio Lower Upper
166 100
165 99.3 78.1 117.1
167 13.9 11.0 16.6



#14
Pentachlorophenol
Concen: 0.648 ng/ul
RT: 16.963 min Scan# 3027
Delta R.T. -0.003 min
Lab File: BN025161.D
Acq: 27 Apr 2023 00:02

Tgt Ion:266 Resp: 3290
Ion Ratio Lower Upper
266 100
264 62.0 49.6 74.4
268 63.9 51.3 76.9

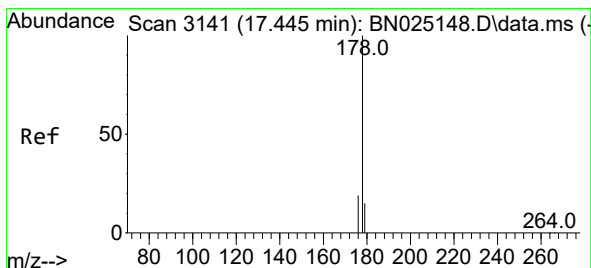
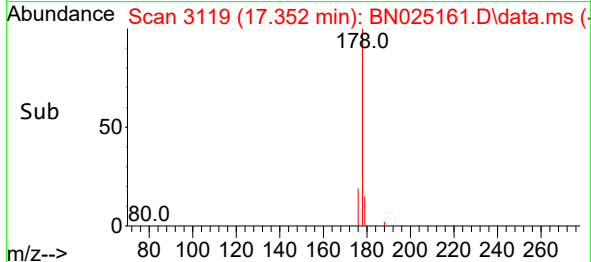
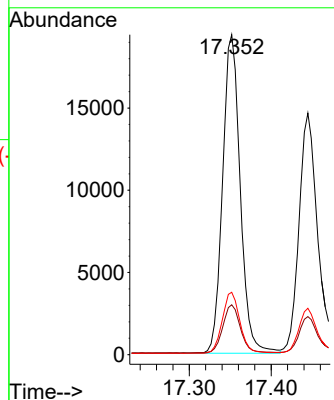
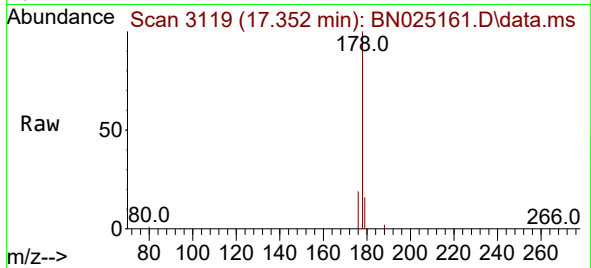




#15
Phenanthrene
Concen: 0.396 ng/ul
RT: 17.352 min Scan# 3119
Delta R.T. 0.001 min
Lab File: BN025161.D
Acq: 27 Apr 2023 00:02

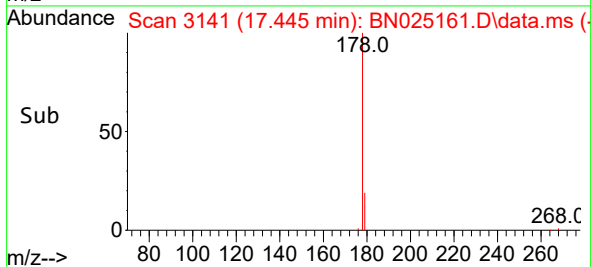
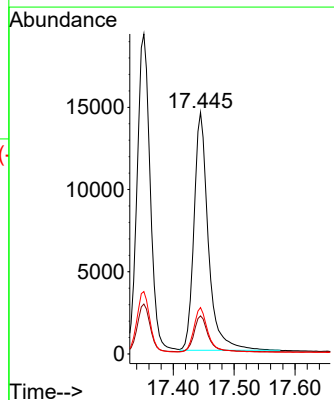
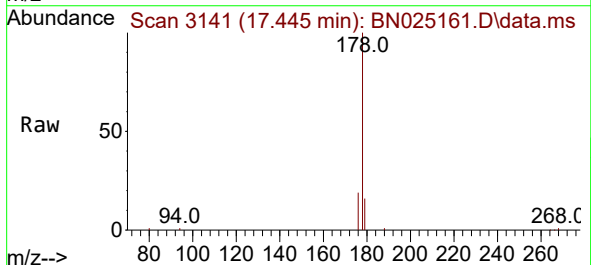
Instrument :
BNA_N
ClientSampleId :
SLCS351

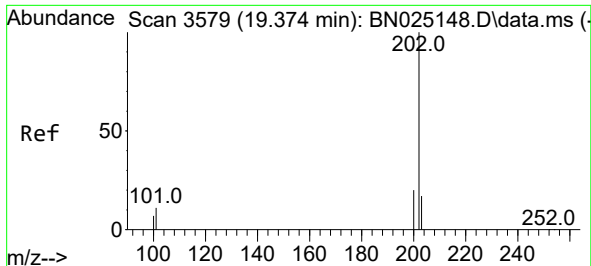
Tgt Ion:178 Resp: 28918
Ion Ratio Lower Upper
178 100
179 15.6 12.5 18.7
176 19.5 15.6 23.4



#16
Anthracene
Concen: 0.397 ng/ul
RT: 17.445 min Scan# 3141
Delta R.T. 0.001 min
Lab File: BN025161.D
Acq: 27 Apr 2023 00:02

Tgt Ion:178 Resp: 23696
Ion Ratio Lower Upper
178 100
179 15.8 12.7 19.1
176 19.2 15.3 22.9

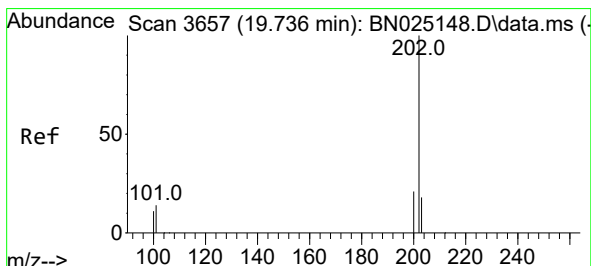
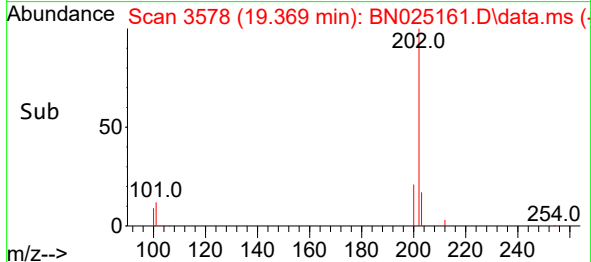
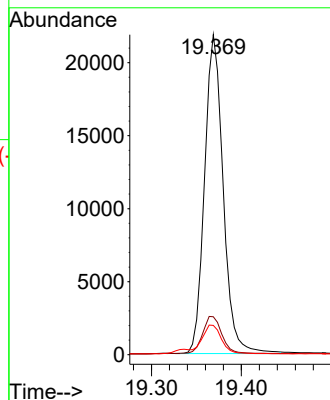
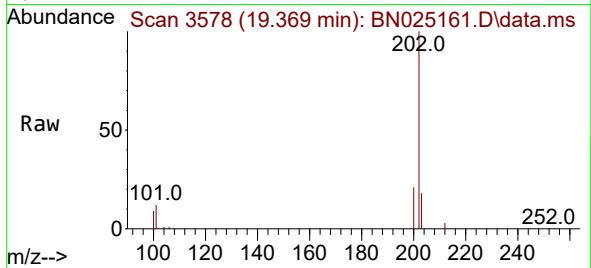




#19
Fluoranthene
Concen: 0.439 ng/ul
RT: 19.369 min Scan# 31
Delta R.T. -0.003 min
Lab File: BN025161.D
Acq: 27 Apr 2023 00:02

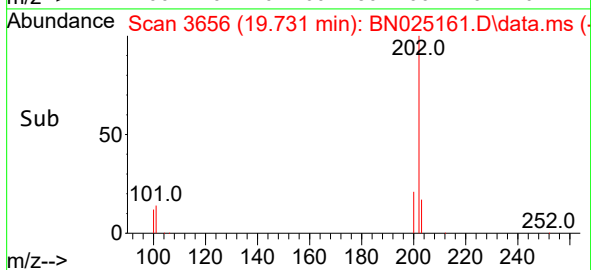
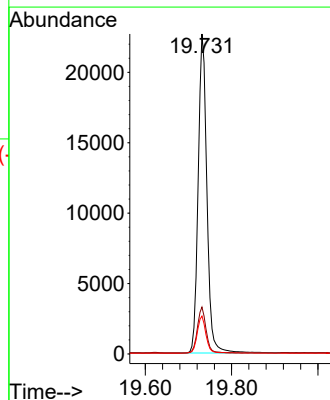
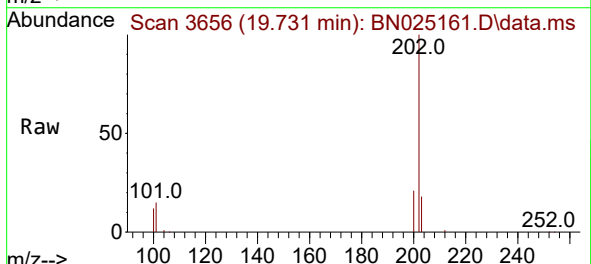
Instrument :
BNA_N
ClientSampleId :
SLCS351

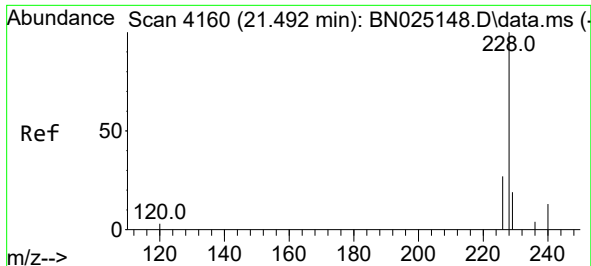
Tgt Ion:202 Resp: 31524
Ion Ratio Lower Upper
202 100
101 11.9 9.7 14.5
100 9.1 7.3 10.9



#20
Pyrene
Concen: 0.433 ng/ul
RT: 19.731 min Scan# 3656
Delta R.T. -0.008 min
Lab File: BN025161.D
Acq: 27 Apr 2023 00:02

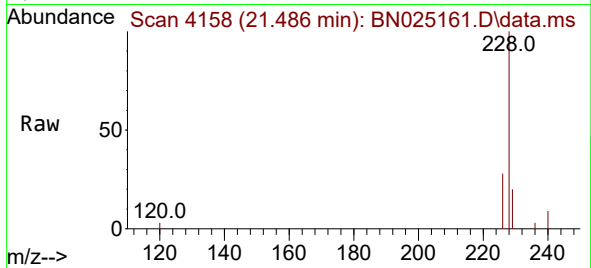
Tgt Ion:202 Resp: 31899
Ion Ratio Lower Upper
202 100
101 14.6 11.3 16.9
100 11.8 9.2 13.8



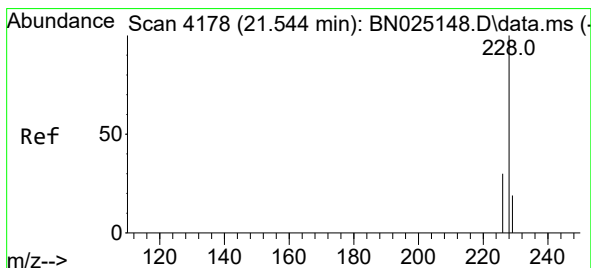
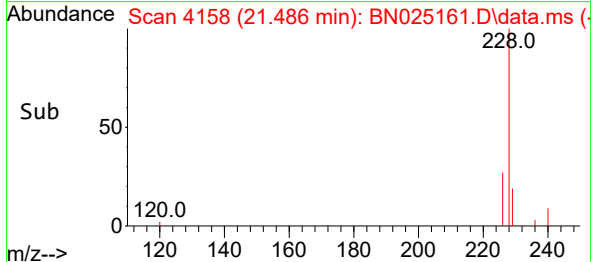
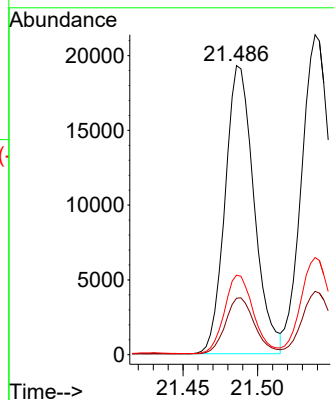


#21
Benzo(a)anthracene
Concen: 0.435 ng/ul
RT: 21.486 min Scan# 4158
Delta R.T. -0.010 min
Lab File: BN025161.D
Acq: 27 Apr 2023 00:02

Instrument :
BNA_N
ClientSampleId :
SLCS351

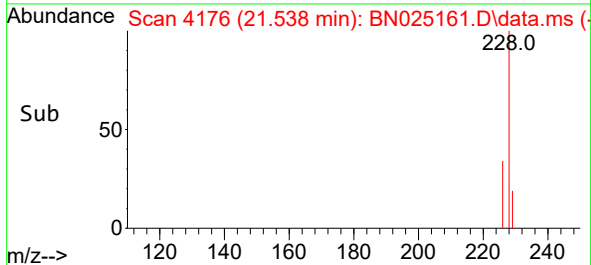
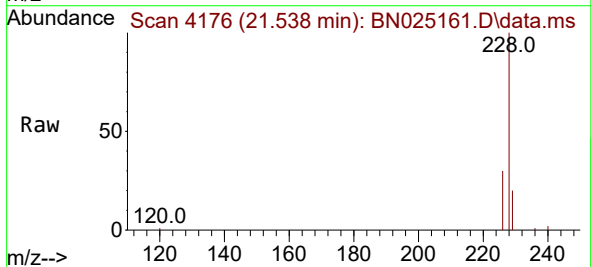
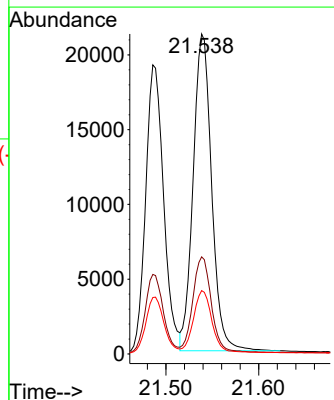


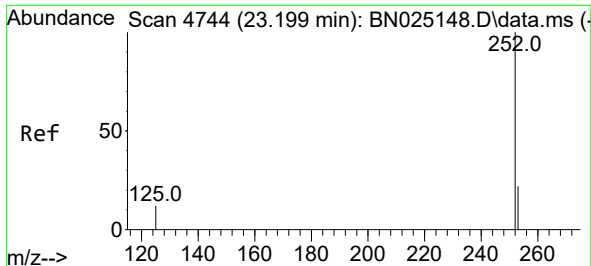
Tgt Ion:228 Resp: 26000
Ion Ratio Lower Upper
228 100
229 19.5 15.6 23.4
226 27.5 22.1 33.1



#22
Chrysene
Concen: 0.451 ng/ul
RT: 21.538 min Scan# 4176
Delta R.T. -0.010 min
Lab File: BN025161.D
Acq: 27 Apr 2023 00:02

Tgt Ion:228 Resp: 29390
Ion Ratio Lower Upper
228 100
226 30.4 24.5 36.7
229 19.8 15.8 23.6

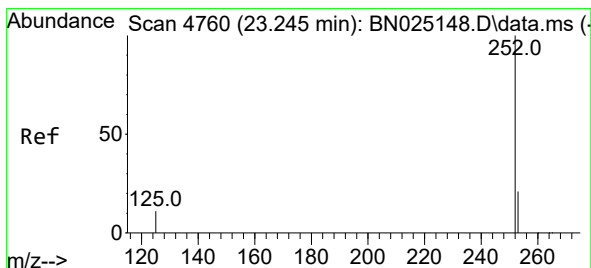
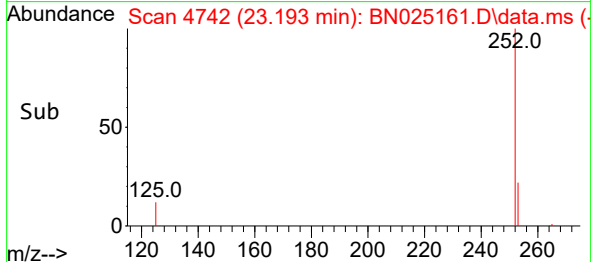
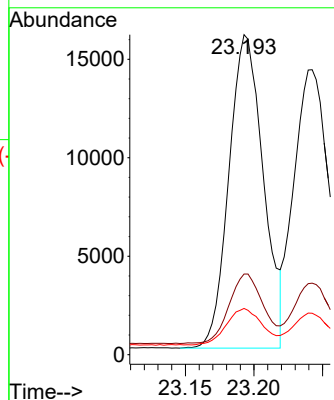
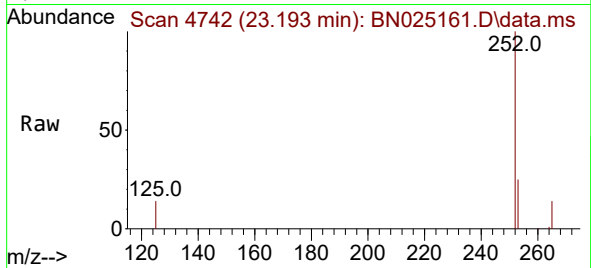




#24
Benzo(b)fluoranthene
Concen: 0.430 ng/ul
RT: 23.193 min Scan# 4742
Delta R.T. -0.016 min
Lab File: BN025161.D
Acq: 27 Apr 2023 00:02

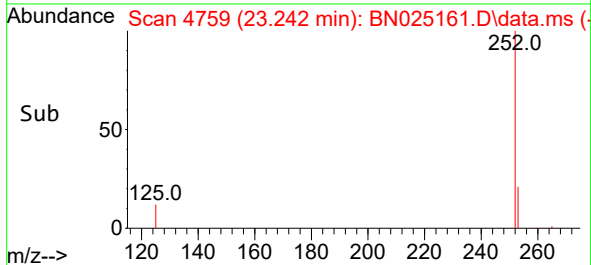
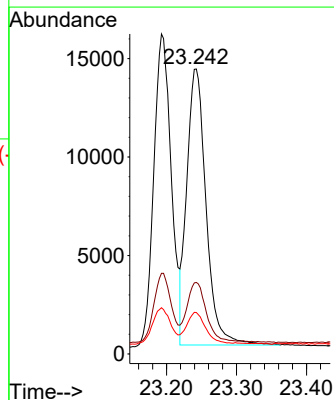
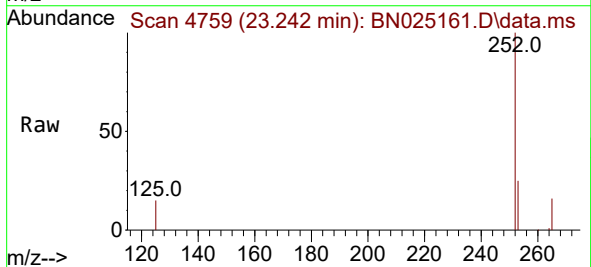
Instrument :
BNA_N
ClientSampleId :
SLCS351

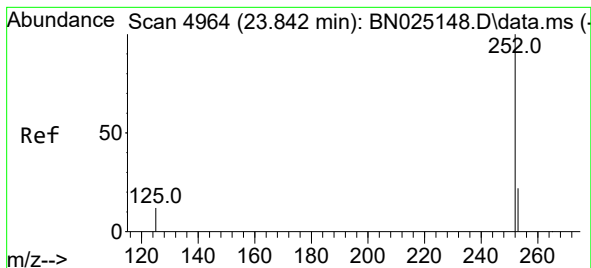
Tgt Ion:252 Resp: 27796
Ion Ratio Lower Upper
252 100
253 25.2 0.0 50.2
125 14.5 0.0 30.4



#25
Benzo(k)fluoranthene
Concen: 0.432 ng/ul
RT: 23.242 min Scan# 4759
Delta R.T. -0.013 min
Lab File: BN025161.D
Acq: 27 Apr 2023 00:02

Tgt Ion:252 Resp: 26843
Ion Ratio Lower Upper
252 100
253 25.1 20.2 30.4
125 14.5 11.8 17.8





#26

Benzo(a)pyrene

Concen: 0.402 ng/ul

RT: 23.836 min Scan# 4962

Delta R.T. -0.013 min

Lab File: BN025161.D

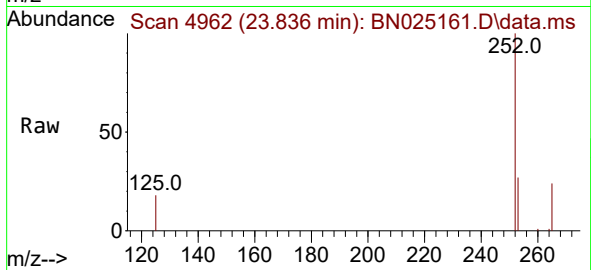
Acq: 27 Apr 2023 00:02

Instrument :

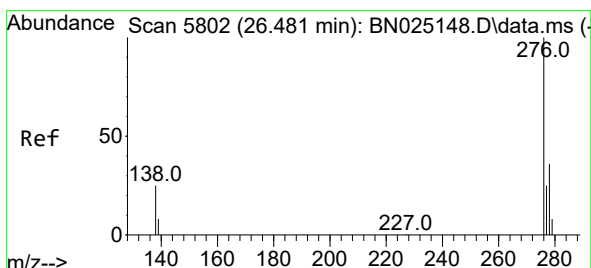
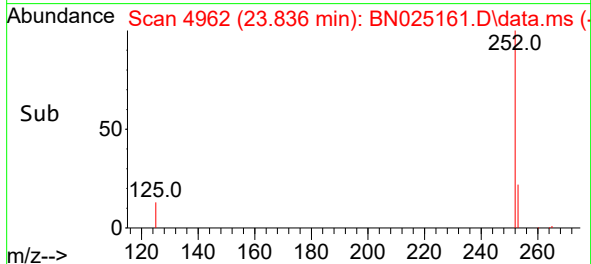
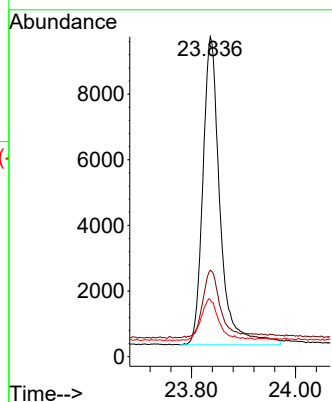
BNA_N

ClientSampleId :

SLCS351



Tgt Ion:	252	Resp:	21506
Ion Ratio	Lower	Upper	
252	100		
253	27.0	21.4	32.2
125	17.8	14.6	22.0



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.412 ng/ul

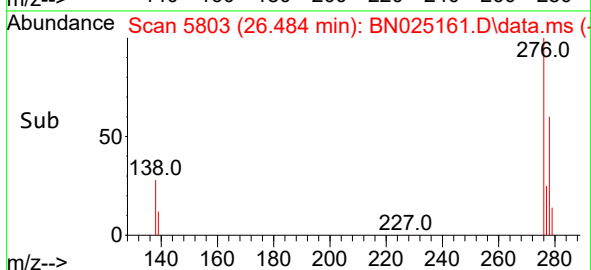
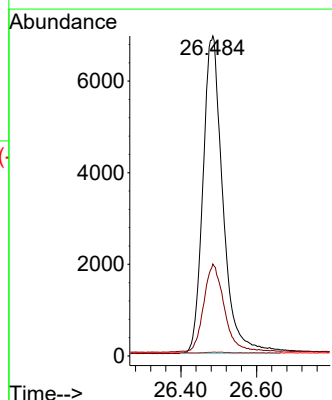
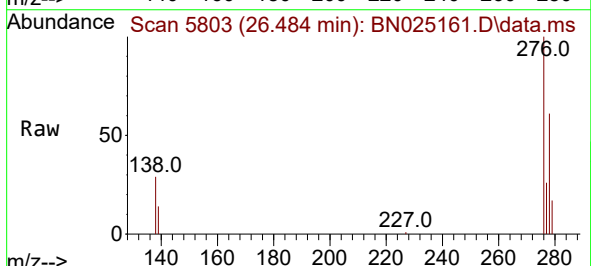
RT: 26.484 min Scan# 5803

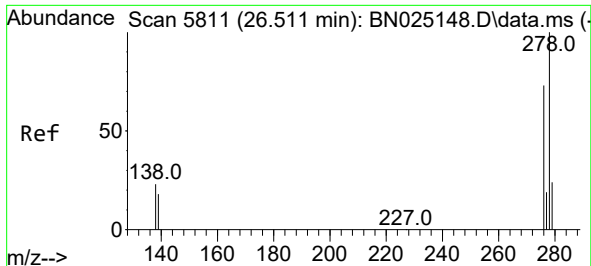
Delta R.T. -0.005 min

Lab File: BN025161.D

Acq: 27 Apr 2023 00:02

Tgt Ion:	276	Resp:	25407
Ion Ratio	Lower	Upper	
276	100		
138	27.9	21.9	32.9
227	0.2	0.1	0.1





#28

Dibenzo(a,h)anthracene

Concen: 0.420 ng/ul

RT: 26.505 min Scan# 5809

Delta R.T. -0.002 min

Lab File: BN025161.D

Acq: 27 Apr 2023 00:02

Instrument :

BNA_N

ClientSampleId :

SLCS351

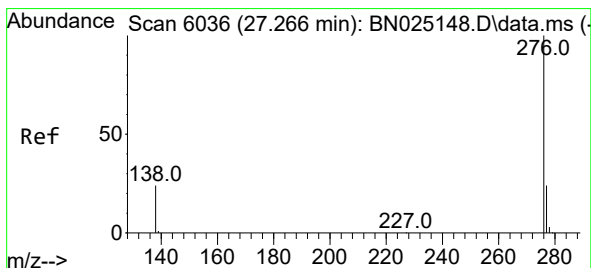
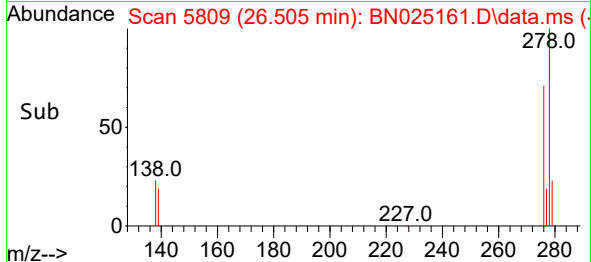
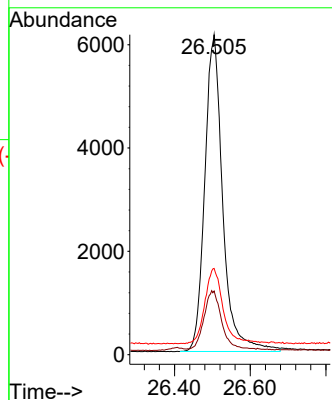
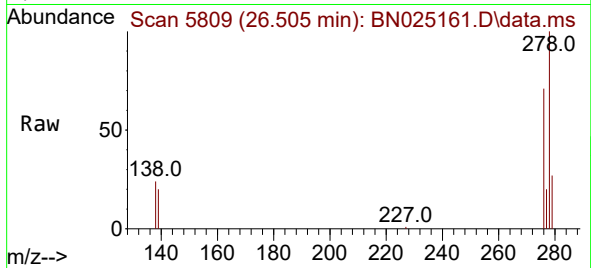
Tgt Ion:278 Resp: 20234

Ion Ratio Lower Upper

278 100

139 19.9 17.0 25.6

279 26.9 21.8 32.8



#29

Benzo(g,h,i)perylene

Concen: 0.414 ng/ul

RT: 27.259 min Scan# 6034

Delta R.T. -0.009 min

Lab File: BN025161.D

Acq: 27 Apr 2023 00:02

Tgt Ion:276 Resp: 21678

Ion Ratio Lower Upper

276 100

138 25.6 20.3 30.5

277 25.2 19.8 29.6

