

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061223\
 Data File : BN025781.D
 Acq On : 12 Jun 2023 14:44
 Operator : MA/JU
 Sample : PB153180BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS180

Quant Time: Jun 13 00:02:25 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 10 02:01:49 2023
 Response via : Initial Calibration

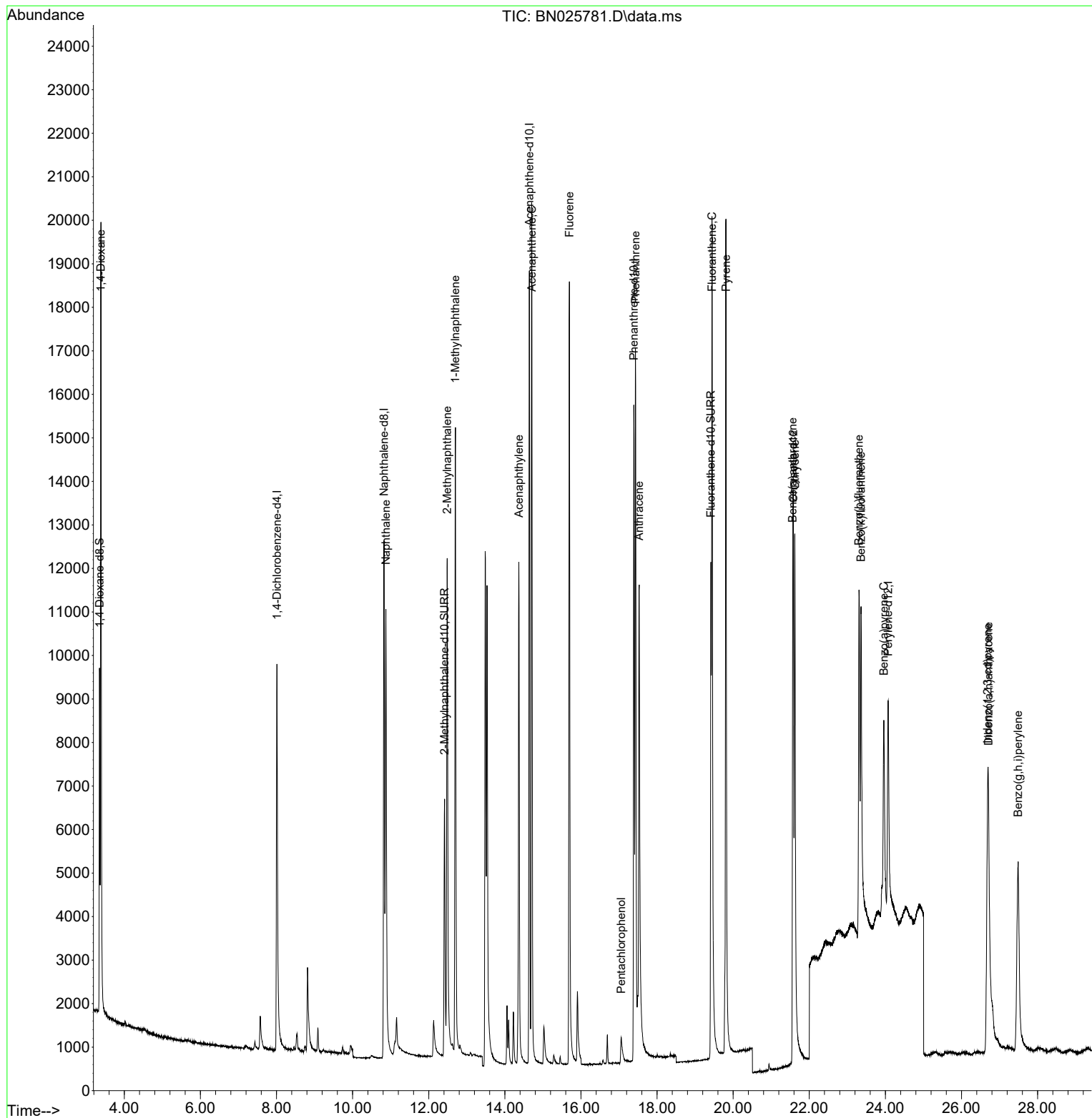
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.010	152	6460	0.400	ng/ul	0.00
4) Naphthalene-d8	10.825	136	18766	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.645	164	10544	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.390	188	19774	0.400	ng/ul	0.00
17) Chrysene-d12	21.582	240	9603	0.400	ng/ul	0.02
23) Perylene-d12	24.073	264	8502	0.400	ng/ul	# 0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	5132	0.808	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.415	152	9207	0.387	ng/ul	0.00
18) Fluoranthene-d10	19.415	212	14869	0.491	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.386	88	12810	1.885	ng/ul	94
5) Naphthalene	10.875	128	17330	0.363	ng/ul	99
7) 2-Methylnaphthalene	12.486	142	10356	0.361	ng/ul	100
8) 1-Methylnaphthalene	12.700	142	11023	0.349	ng/ul	100
10) Acenaphthylene	14.368	152	15103	0.362	ng/ul	100
11) Acenaphthene	14.705	153	12708	0.365	ng/ul	100
12) Fluorene	15.695	166	13772	0.356	ng/ul	99
14) Pentachlorophenol	17.061	266	838	0.394	ng/ul	92
15) Phenanthrene	17.432	178	20629	0.358	ng/ul	99
16) Anthracene	17.529	178	17105	0.351	ng/ul	99
19) Fluoranthene	19.443	202	20375	0.464	ng/ul	97
20) Pyrene	19.810	202	20761	0.457	ng/ul	99
21) Benzo(a)anthracene	21.565	228	11751	0.384	ng/ul	99
22) Chrysene	21.620	228	14021	0.400	ng/ul	100
24) Benzo(b)fluoranthene	23.307	252	12116	0.348	ng/ul	87
25) Benzo(k)fluoranthene	23.360	252	13274	0.381	ng/ul#	86
26) Benzo(a)pyrene	23.959	252	10324	0.350	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	26.686	276	13961	0.415	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.709	278	10483	0.412	ng/ul#	90
29) Benzo(g,h,i)perylene	27.487	276	12972	0.430	ng/ul	96

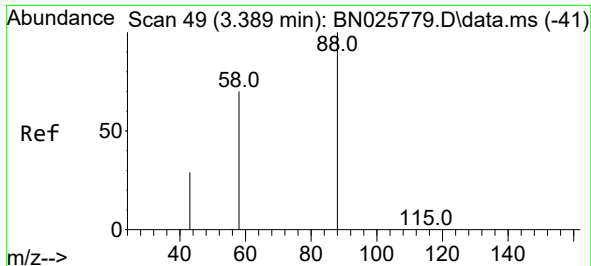
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061223\
Data File : BN025781.D
Acq On : 12 Jun 2023 14:44
Operator : MA/JU
Sample : PB153180BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS180

Quant Time: Jun 13 00:02:25 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 10 02:01:49 2023
Response via : Initial Calibration

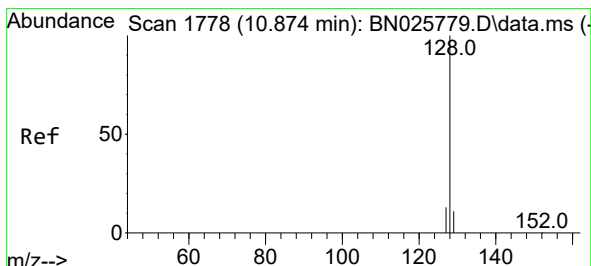
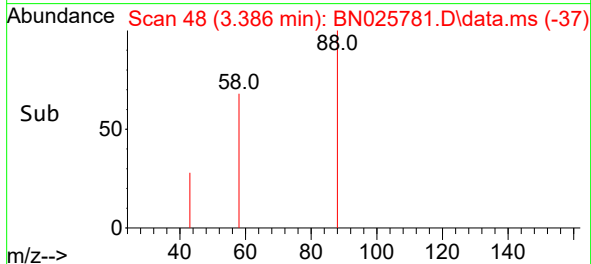
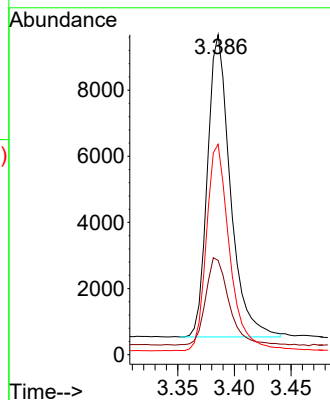
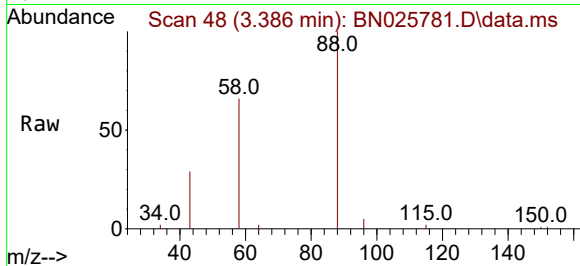




#2
1,4-Dioxane
Concen: 1.885 ng/ul
RT: 3.386 min Scan# 41
Delta R.T. -0.004 min
Lab File: BN025781.D
Acq: 12 Jun 2023 14:44

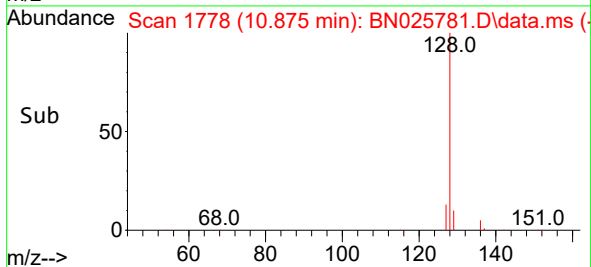
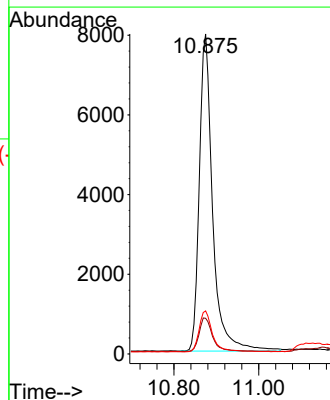
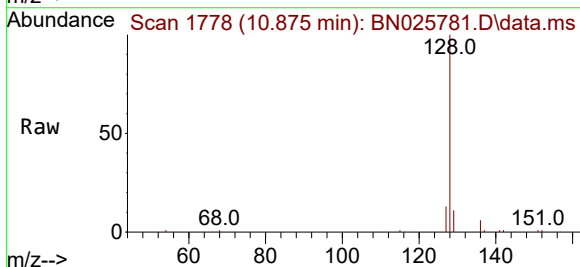
Instrument :
BNA_N
ClientSampleId :
SLCS180

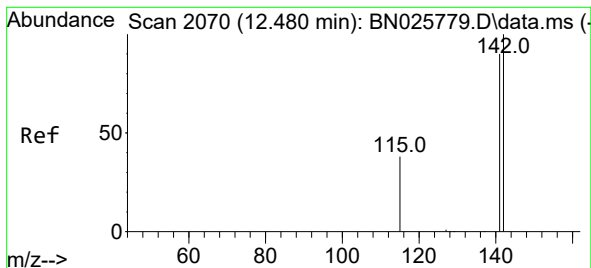
Tgt Ion: 88 Resp: 12810
Ion Ratio Lower Upper
88 100
43 29.4 26.5 39.7
58 65.8 49.0 73.6



#5
Naphthalene
Concen: 0.363 ng/ul
RT: 10.875 min Scan# 1778
Delta R.T. -0.000 min
Lab File: BN025781.D
Acq: 12 Jun 2023 14:44

Tgt Ion:128 Resp: 17330
Ion Ratio Lower Upper
128 100
129 11.2 9.1 13.7
127 13.5 10.5 15.7

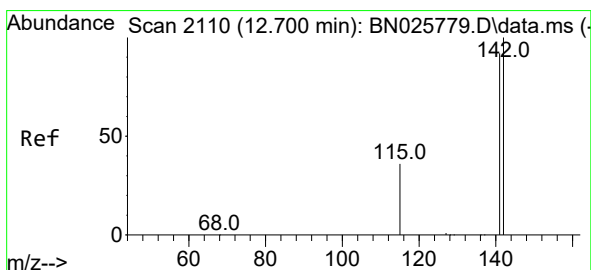
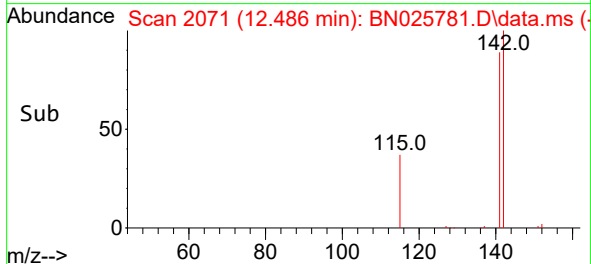
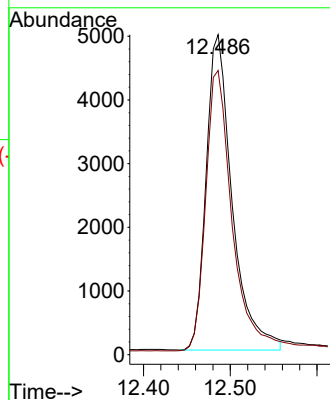
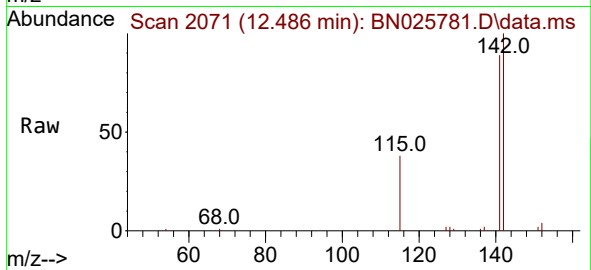




#7
2-Methylnaphthalene
Concen: 0.361 ng/ul
RT: 12.486 min Scan# 2071
Delta R.T. 0.006 min
Lab File: BN025781.D
Acq: 12 Jun 2023 14:44

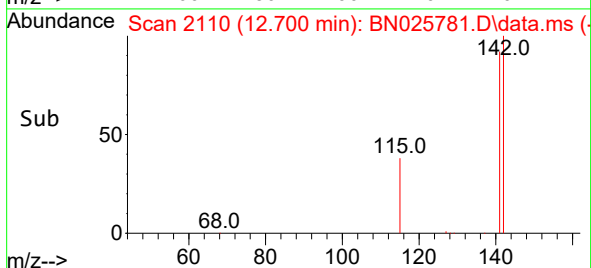
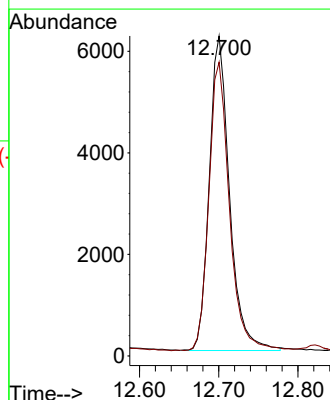
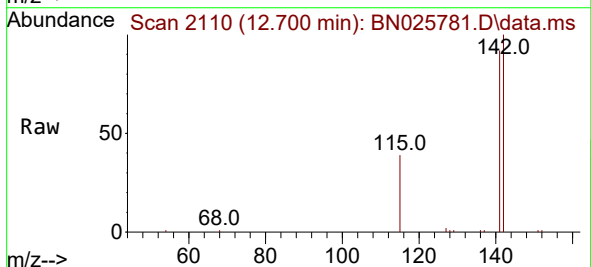
Instrument :
BNA_N
ClientSampleId :
SLCS180

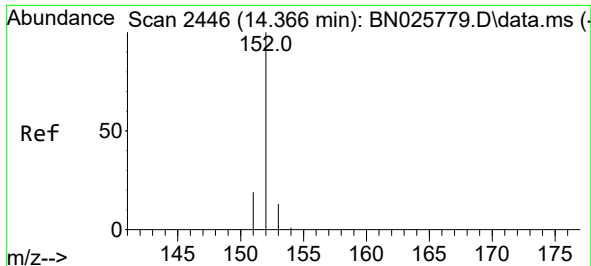
Tgt Ion:142 Resp: 10356
Ion Ratio Lower Upper
142 100
141 89.7 71.4 107.2



#8
1-Methylnaphthalene
Concen: 0.349 ng/ul
RT: 12.700 min Scan# 2110
Delta R.T. 0.000 min
Lab File: BN025781.D
Acq: 12 Jun 2023 14:44

Tgt Ion:142 Resp: 11023
Ion Ratio Lower Upper
142 100
141 93.0 74.0 111.0

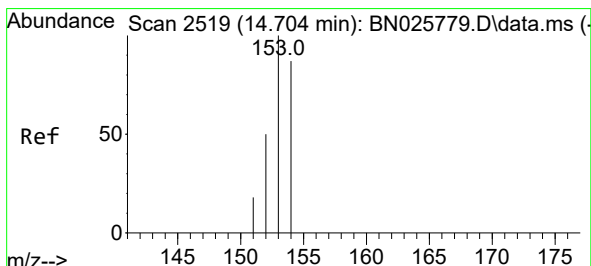
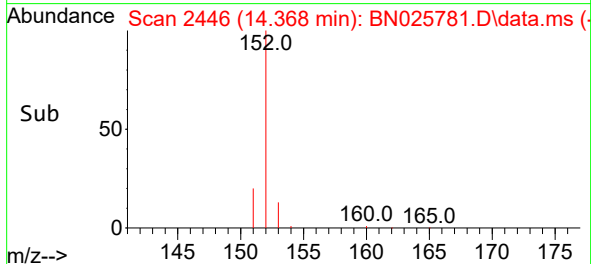
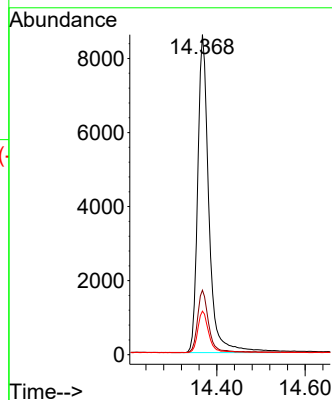
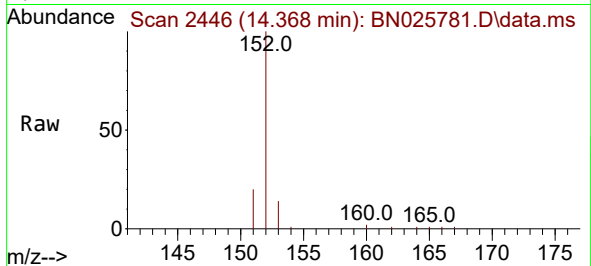




#10
Acenaphthylene
Concen: 0.362 ng/ul
RT: 14.368 min Scan# 2446
Delta R.T. 0.002 min
Lab File: BN025781.D
Acq: 12 Jun 2023 14:44

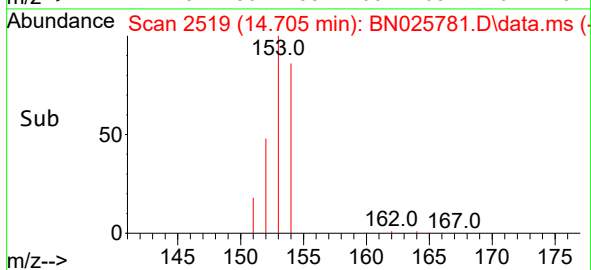
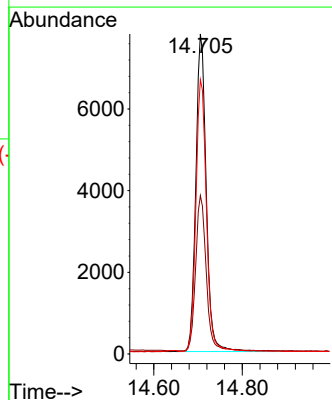
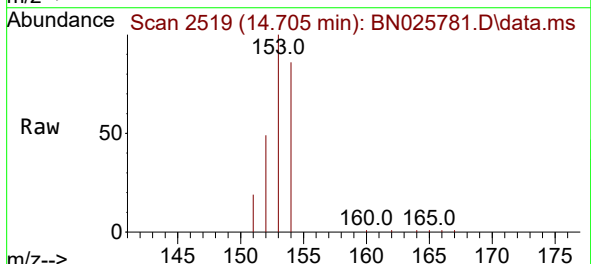
Instrument :
BNA_N
ClientSampleId :
SLCS180

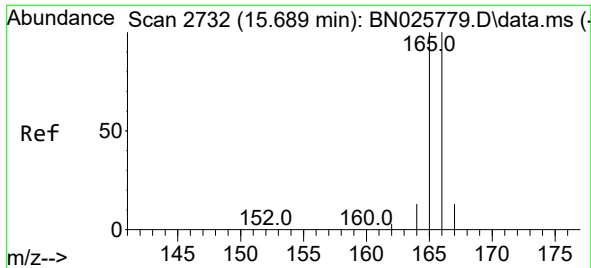
Tgt Ion:152 Resp: 15103
Ion Ratio Lower Upper
152 100
151 20.1 16.0 24.0
153 13.6 10.7 16.1



#11
Acenaphthene
Concen: 0.365 ng/ul
RT: 14.705 min Scan# 2519
Delta R.T. 0.001 min
Lab File: BN025781.D
Acq: 12 Jun 2023 14:44

Tgt Ion:153 Resp: 12708
Ion Ratio Lower Upper
153 100
152 49.5 39.5 59.3
154 85.7 68.8 103.2

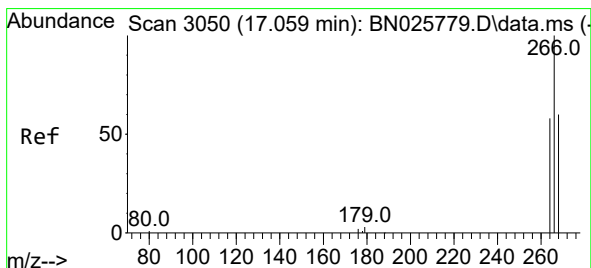
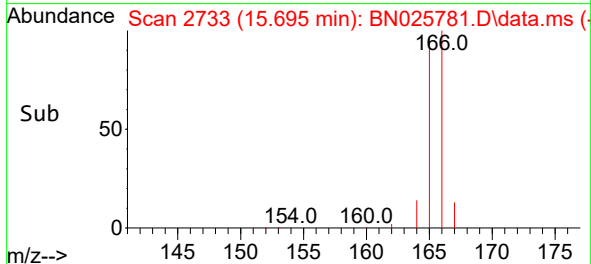
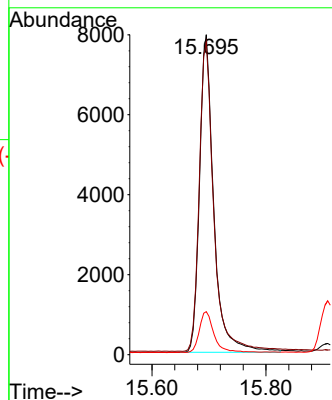
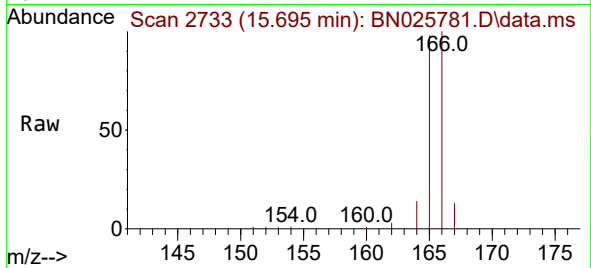




#12
Fluorene
Concen: 0.356 ng/ul
RT: 15.695 min Scan# 21
Delta R.T. 0.005 min
Lab File: BN025781.D
Acq: 12 Jun 2023 14:44

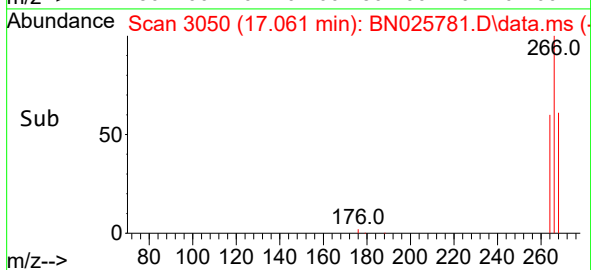
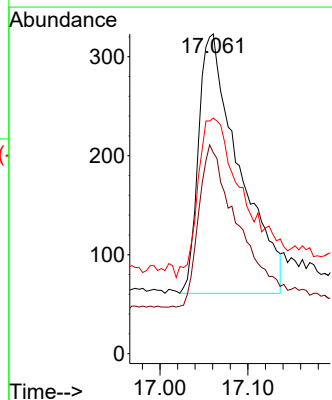
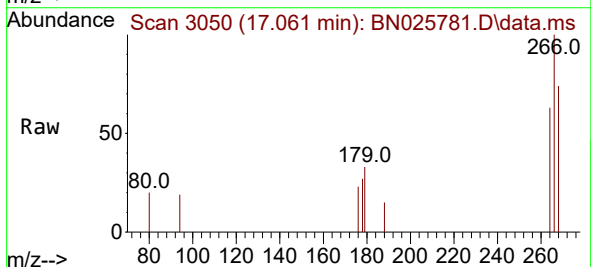
Instrument :
BNA_N
ClientSampleId :
SLCS180

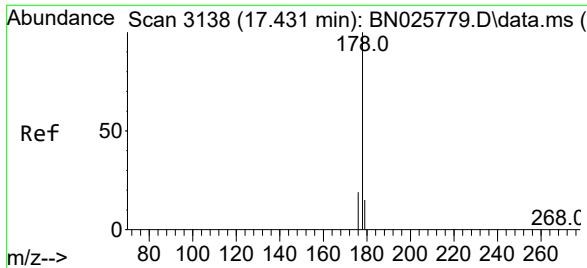
Tgt Ion:166 Resp: 13772
Ion Ratio Lower Upper
166 100
165 97.7 79.2 118.8
167 13.5 11.0 16.6



#14
Pentachlorophenol
Concen: 0.394 ng/ul
RT: 17.061 min Scan# 3050
Delta R.T. 0.005 min
Lab File: BN025781.D
Acq: 12 Jun 2023 14:44

Tgt Ion:266 Resp: 838
Ion Ratio Lower Upper
266 100
264 61.8 48.2 72.4
268 70.6 48.2 72.4





#15

Phenanthrene

Concen: 0.358 ng/ul

RT: 17.432 min Scan# 3138

Delta R.T. 0.001 min

Lab File: BN025781.D

Acq: 12 Jun 2023 14:44

Instrument :

BNA_N

ClientSampleId :

SLCS180

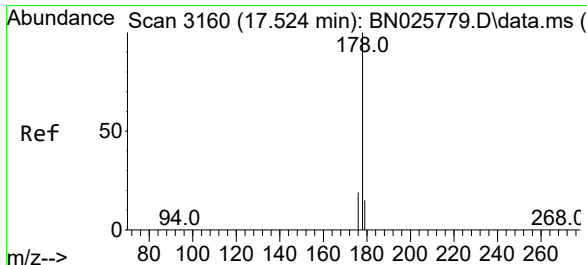
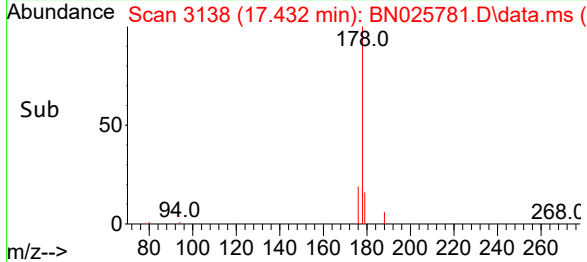
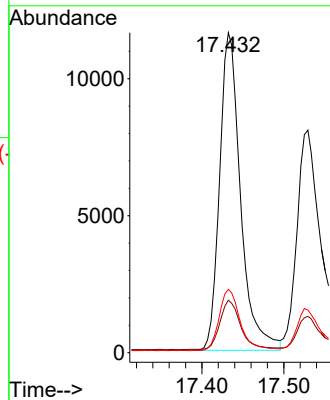
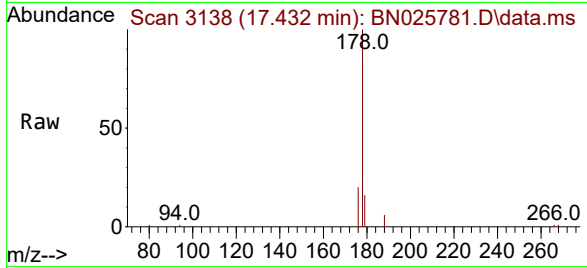
Tgt Ion:178 Resp: 20629

Ion Ratio Lower Upper

178 100

179 16.4 12.6 18.8

176 19.8 15.8 23.8



#16

Anthracene

Concen: 0.351 ng/ul

RT: 17.529 min Scan# 3161

Delta R.T. 0.005 min

Lab File: BN025781.D

Acq: 12 Jun 2023 14:44

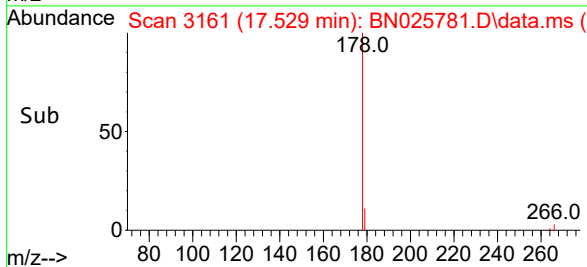
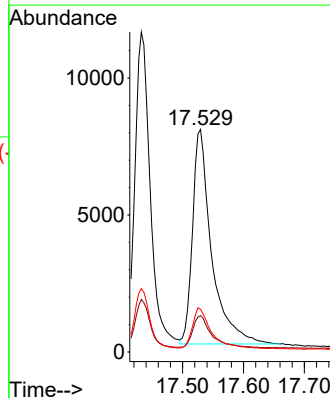
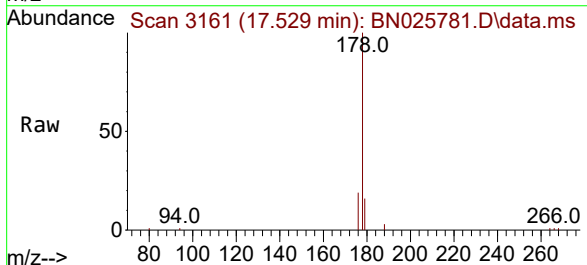
Tgt Ion:178 Resp: 17105

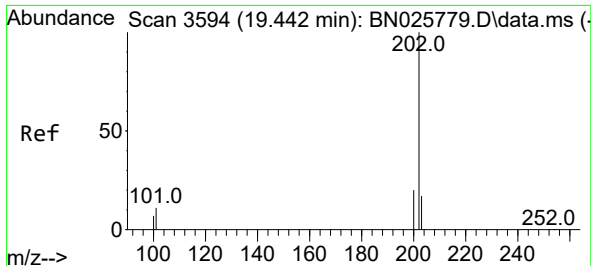
Ion Ratio Lower Upper

178 100

179 16.3 12.6 19.0

176 19.2 15.4 23.2

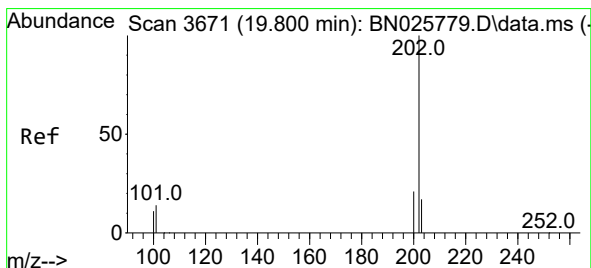
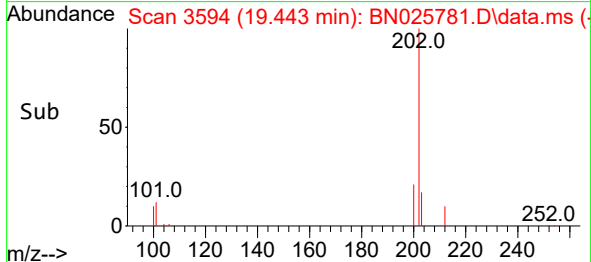
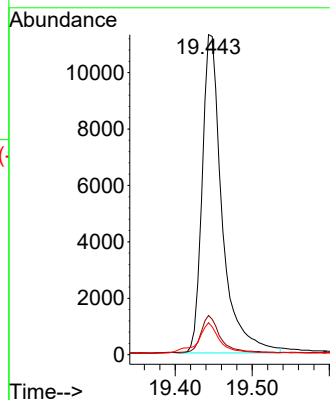
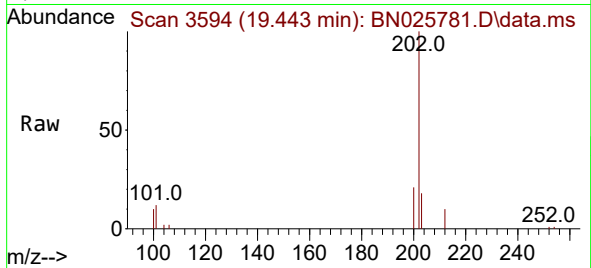




#19
Fluoranthene
Concen: 0.464 ng/ul
RT: 19.443 min Scan# 3594
Delta R.T. 0.001 min
Lab File: BN025781.D
Acq: 12 Jun 2023 14:44

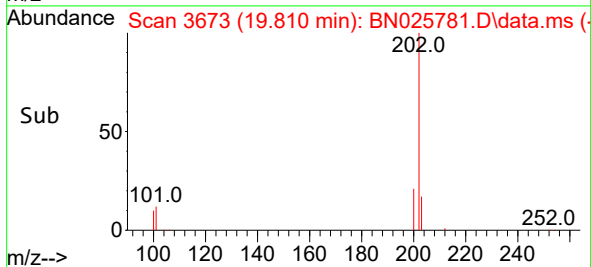
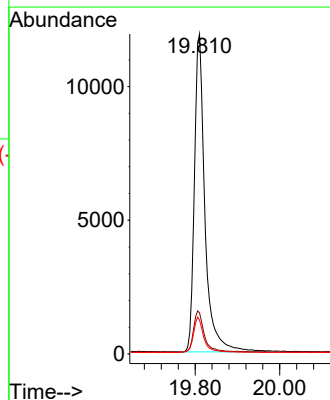
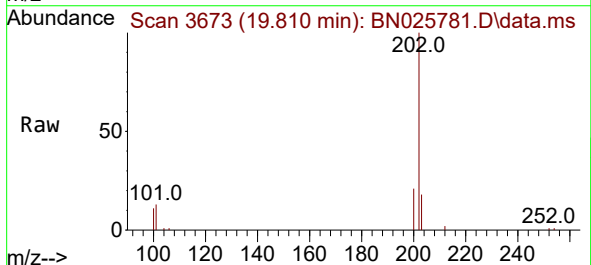
Instrument :
BNA_N
ClientSampleId :
SLCS180

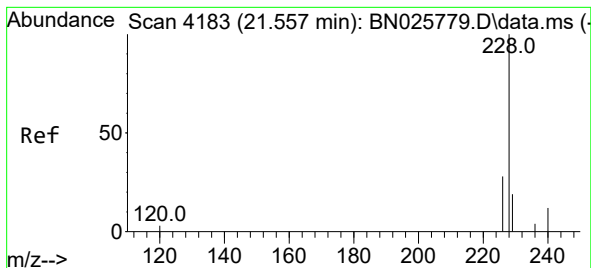
Tgt Ion:202 Resp: 20375
Ion Ratio Lower Upper
202 100
101 12.3 9.1 13.7
100 10.0 7.0 10.6



#20
Pyrene
Concen: 0.457 ng/ul
RT: 19.810 min Scan# 3673
Delta R.T. 0.005 min
Lab File: BN025781.D
Acq: 12 Jun 2023 14:44

Tgt Ion:202 Resp: 20761
Ion Ratio Lower Upper
202 100
101 12.9 10.4 15.6
100 10.6 8.8 13.2





#21

Benzo(a)anthracene

Concen: 0.384 ng/ul

RT: 21.565 min Scan# 4183

Delta R.T. 0.013 min

Lab File: BN025781.D

Acq: 12 Jun 2023 14:44

Instrument :

BNA_N

ClientSampleId :

SLCS180

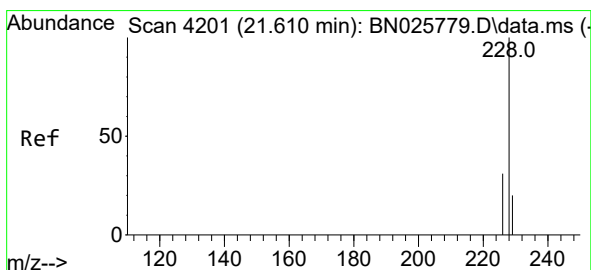
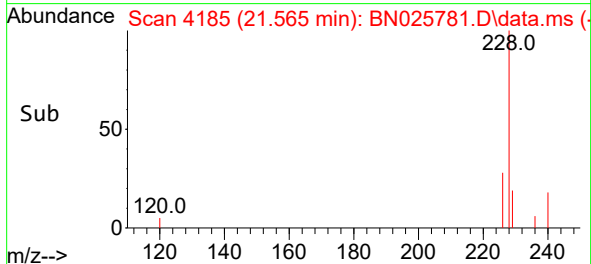
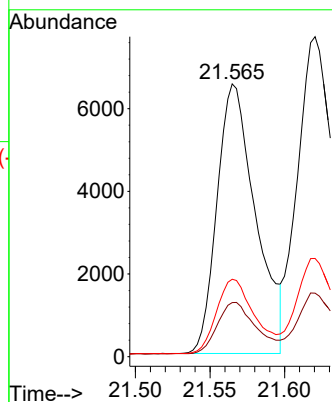
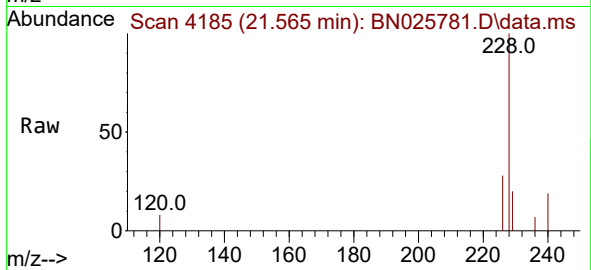
Tgt Ion:228 Resp: 11751

Ion Ratio Lower Upper

228 100

229 19.8 15.5 23.3

226 28.4 22.0 33.0



#22

Chrysene

Concen: 0.400 ng/ul

RT: 21.620 min Scan# 4204

Delta R.T. 0.012 min

Lab File: BN025781.D

Acq: 12 Jun 2023 14:44

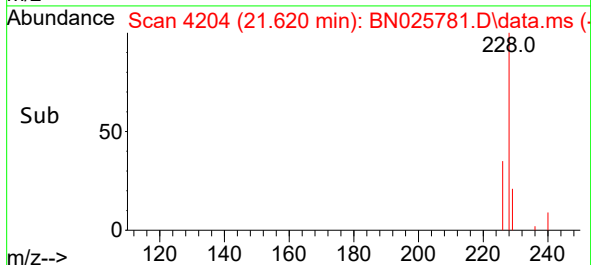
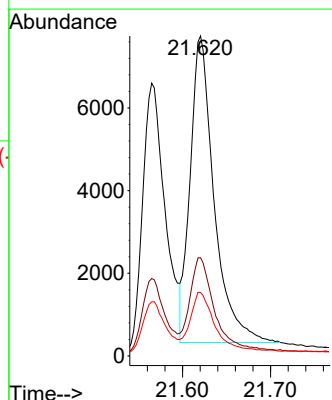
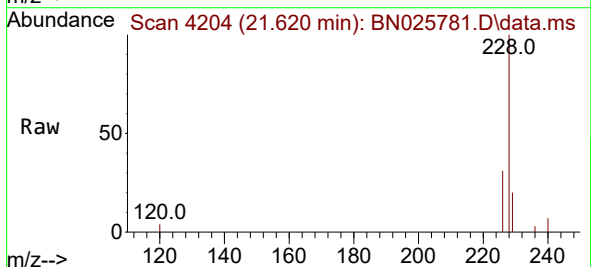
Tgt Ion:228 Resp: 14021

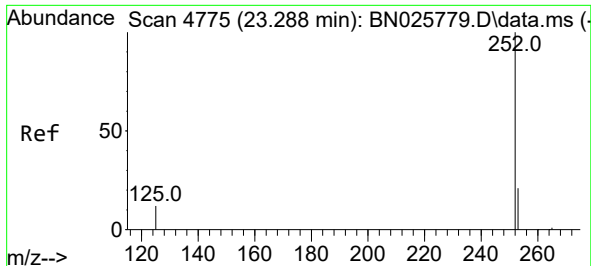
Ion Ratio Lower Upper

228 100

226 30.7 24.7 37.1

229 19.9 15.7 23.5

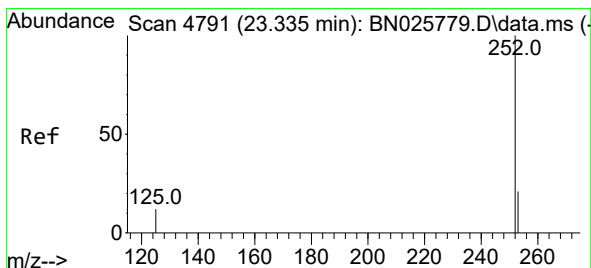
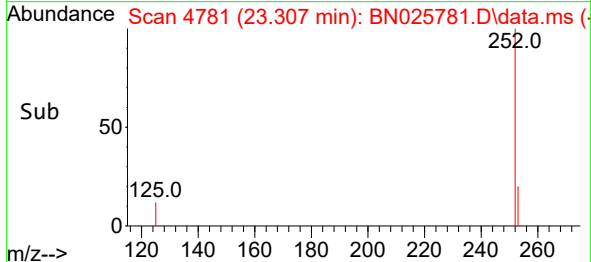
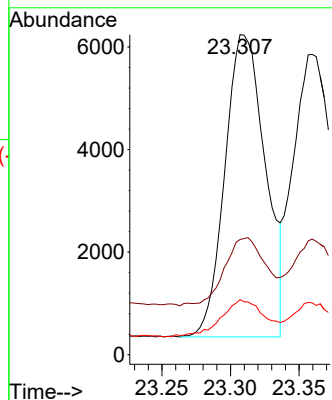
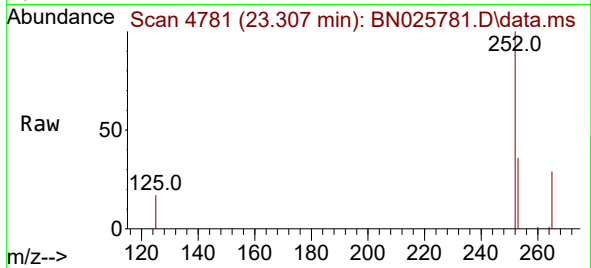




#24
Benzo(b)fluoranthene
Concen: 0.348 ng/ul
RT: 23.307 min Scan# 4781
Delta R.T. 0.016 min
Lab File: BN025781.D
Acq: 12 Jun 2023 14:44

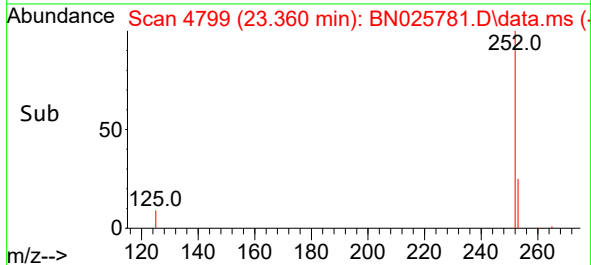
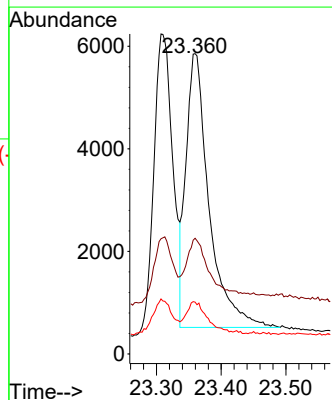
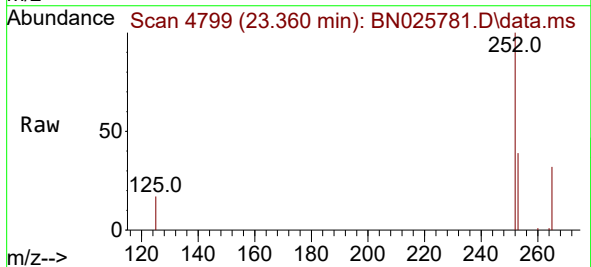
Instrument :
BNA_N
ClientSampleId :
SLCS180

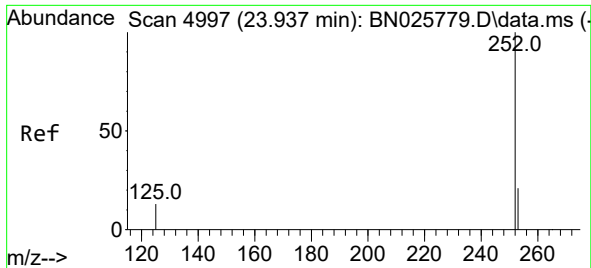
Tgt Ion:252 Resp: 12116
Ion Ratio Lower Upper
252 100
253 36.0 0.0 56.0
125 17.2 0.0 28.0



#25
Benzo(k)fluoranthene
Concen: 0.381 ng/ul
RT: 23.360 min Scan# 4799
Delta R.T. 0.019 min
Lab File: BN025781.D
Acq: 12 Jun 2023 14:44

Tgt Ion:252 Resp: 13274
Ion Ratio Lower Upper
252 100
253 38.5 23.3 34.9#
125 17.3 11.6 17.4

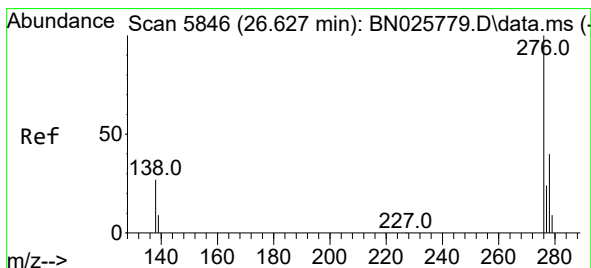
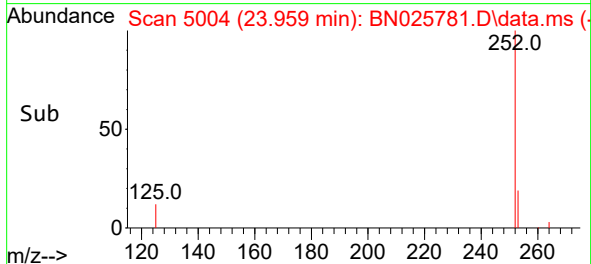
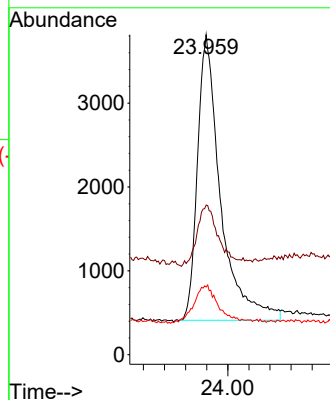
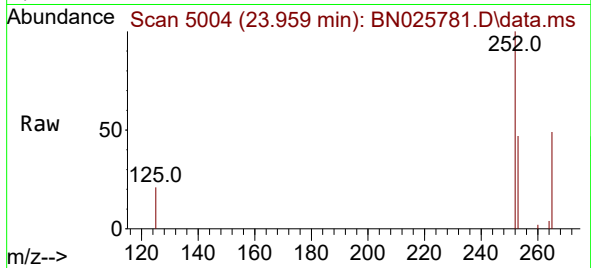




#26
Benzo(a)pyrene
Concen: 0.350 ng/ul
RT: 23.959 min Scan# 5004
Delta R.T. 0.016 min
Lab File: BN025781.D
Acq: 12 Jun 2023 14:44

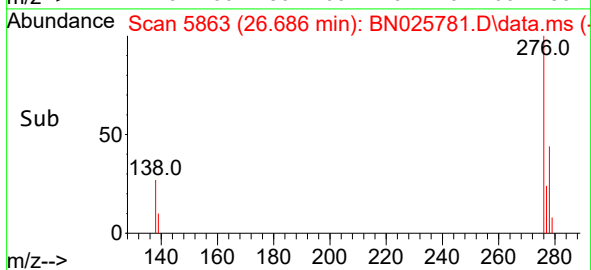
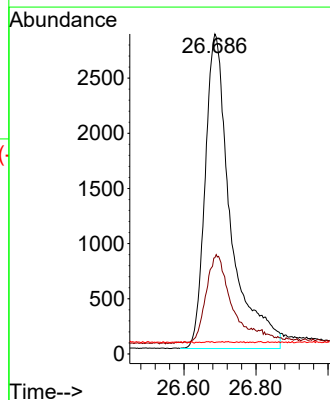
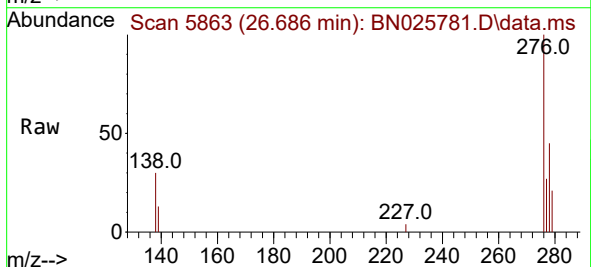
Instrument :
BNA_N
ClientSampleId :
SLCS180

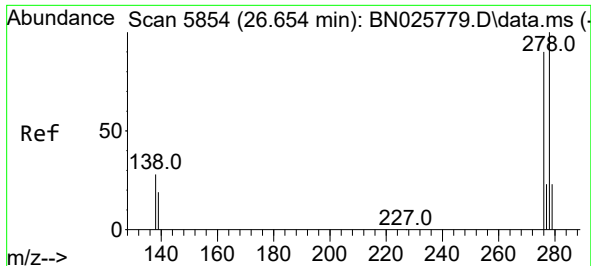
Tgt Ion:252 Resp: 10324
Ion Ratio Lower Upper
252 100
253 46.8 25.8 38.8#
125 21.1 13.5 20.3#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.415 ng/ul
RT: 26.686 min Scan# 5863
Delta R.T. 0.028 min
Lab File: BN025781.D
Acq: 12 Jun 2023 14:44

Tgt Ion:276 Resp: 13961
Ion Ratio Lower Upper
276 100
138 28.8 24.6 36.8
227 0.0 0.0 0.0

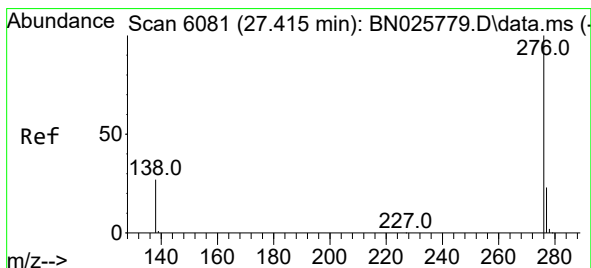
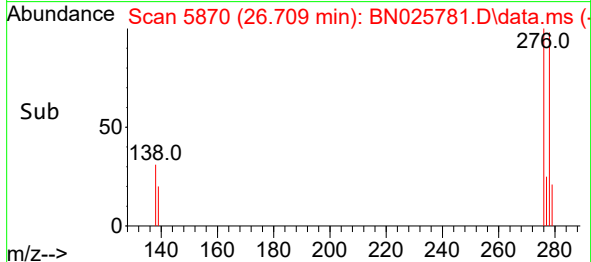
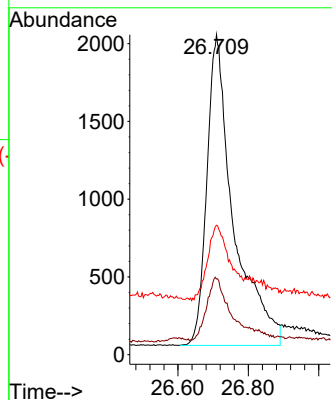
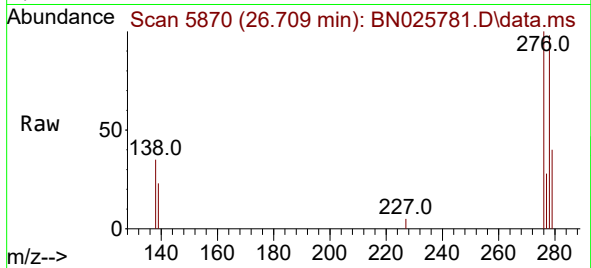




#28
 Dibenzo(a,h)anthracene
 Concen: 0.412 ng/ul
 RT: 26.709 min Scan# 51
 Delta R.T. 0.024 min
 Lab File: BN025781.D
 Acq: 12 Jun 2023 14:44

Instrument :
 BNA_N
 ClientSampleId :
 SLCS180

Tgt Ion:278 Resp: 10483
 Ion Ratio Lower Upper
 278 100
 139 23.7 17.9 26.9
 279 40.4 25.3 37.9#



#29
 Benzo(g,h,i)perylene
 Concen: 0.430 ng/ul
 RT: 27.487 min Scan# 6102
 Delta R.T. 0.038 min
 Lab File: BN025781.D
 Acq: 12 Jun 2023 14:44

Tgt Ion:276 Resp: 12972
 Ion Ratio Lower Upper
 276 100
 138 29.3 21.8 32.8
 277 26.1 19.4 29.2

