

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062423\
 Data File : BN025978.D
 Acq On : 23 Jun 2023 21:27
 Operator : MA/JU
 Sample : 03083-18
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFL6

Quant Time: Jun 24 01:01:32 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 22 01:27:41 2023
 Response via : Initial Calibration

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

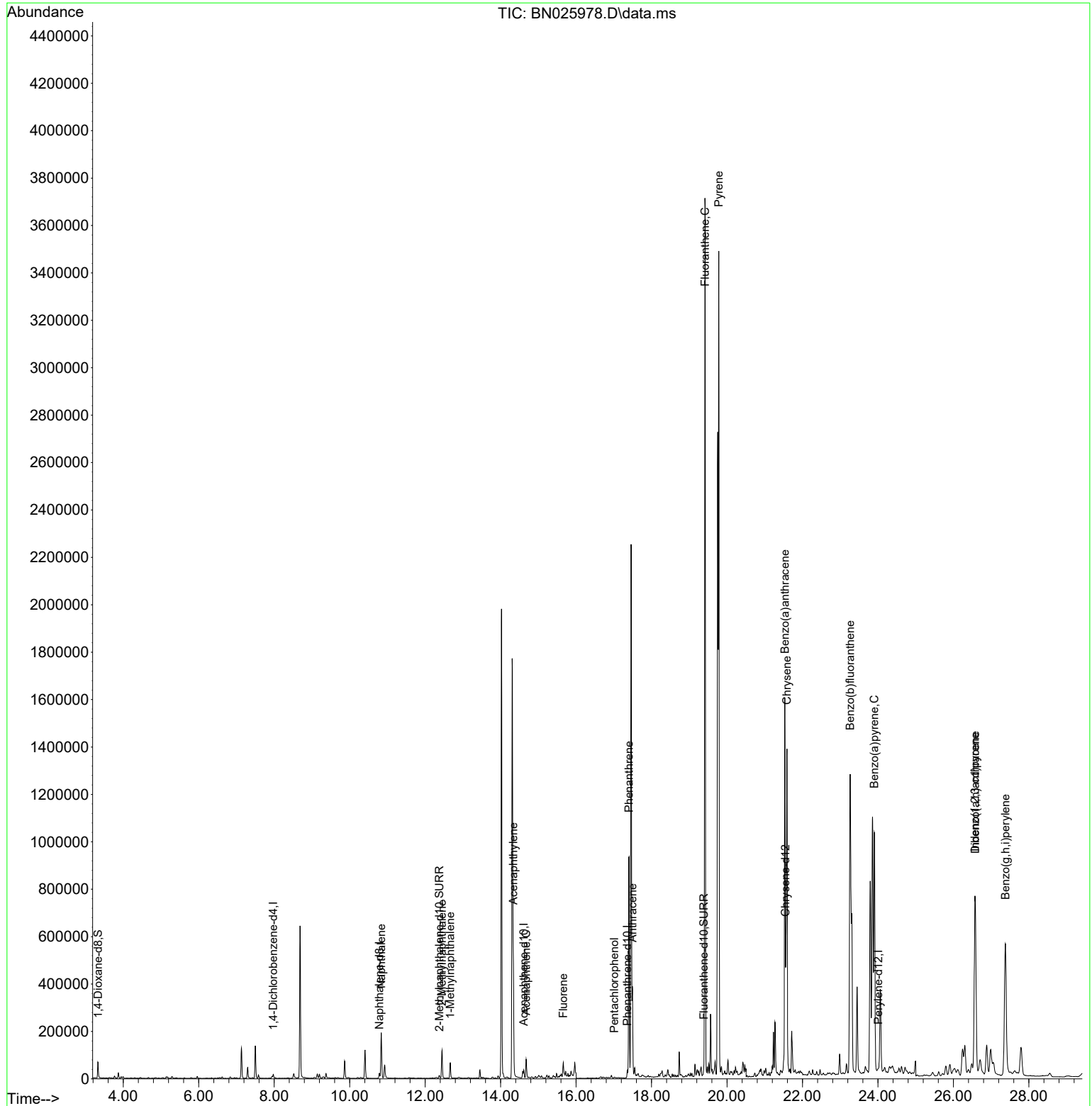
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.976	152	9107	0.400	ng/ul	0.00
4) Naphthalene-d8	10.787	136	28756	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.613	164	19245	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.360	188	38756	0.400	ng/ul	0.00
17) Chrysene-d12	21.550	240	19956	0.400	ng/ul	# 0.00
23) Perylene-d12	24.008	264	18868	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.331	96	44896	4.378	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.376	152	15833	0.358	ng/ul	0.00
18) Fluoranthene-d10	19.387	212	34698	0.457	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.836	128	269312	3.268	ng/ul	99
7) 2-Methylnaphthalene	12.447	142	86096	1.641	ng/ul	99
8) 1-Methylnaphthalene	12.667	142	46397	0.853	ng/ul	100
10) Acenaphthylene	14.335	152	583602	6.476	ng/ul	99
11) Acenaphthene	14.677	153	49836	0.676	ng/ul	99
12) Fluorene	15.663	166	44475	0.526	ng/ul#	98
14) Pentachlorophenol	17.014	266	358	0.026	ng/ul	96
15) Phenanthrene	17.402	178	1045391	8.166	ng/ul	99
16) Anthracene	17.491	178	383206	3.368	ng/ul	100
19) Fluoranthene	19.420	202	3357792	31.502	ng/ul	95
20) Pyrene	19.782	202	2839177	25.609	ng/ul	95
21) Benzo(a)anthracene	21.533	228	1393023	16.921	ng/ul	96
22) Chrysene	21.588	228	1593299	18.600	ng/ul	98
24) Benzo(b)fluoranthene	23.263	252	3233865	40.156	ng/ul	88
26) Benzo(a)pyrene	23.903	252	1501806	21.471	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	26.572	276	1352084	17.698	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.578	278	315837	5.462	ng/ul	91
29) Benzo(g,h,i)perylene	27.377	276	1312352	19.310	ng/ul	93

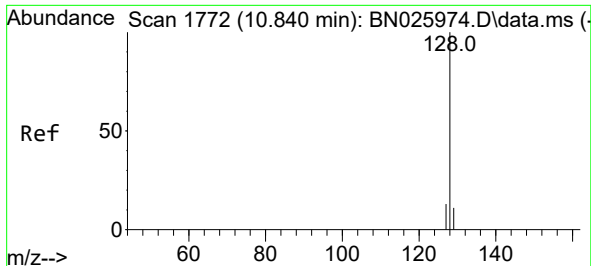
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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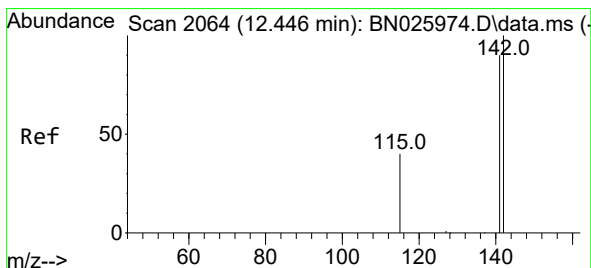
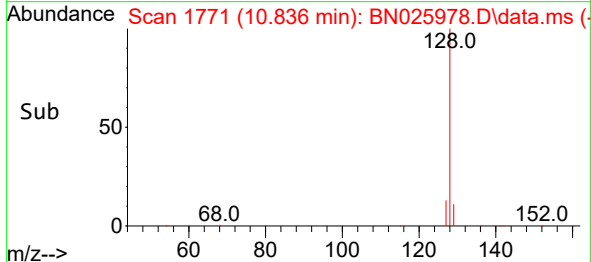
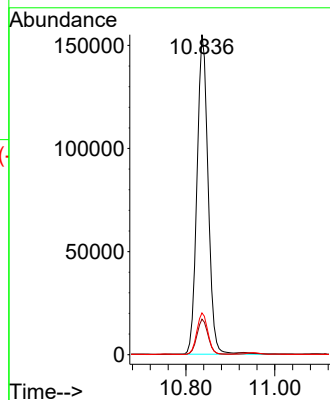
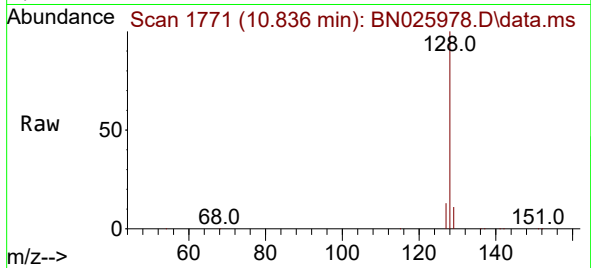




#5
Naphthalene
Concen: 3.268 ng/ul
RT: 10.836 min Scan# 1771
Delta R.T. -0.011 min
Lab File: BN025978.D
Acq: 23 Jun 2023 21:27

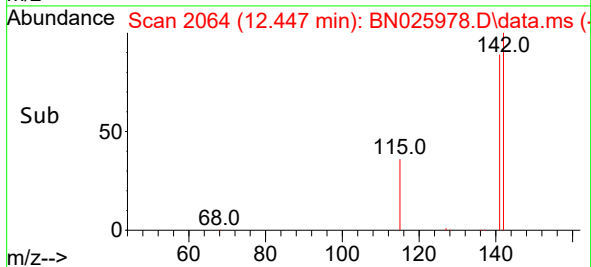
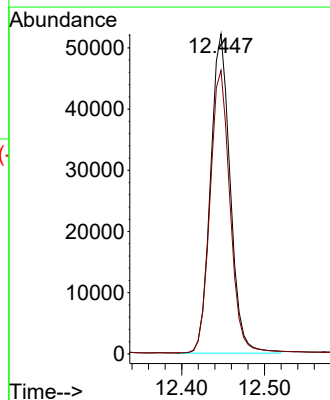
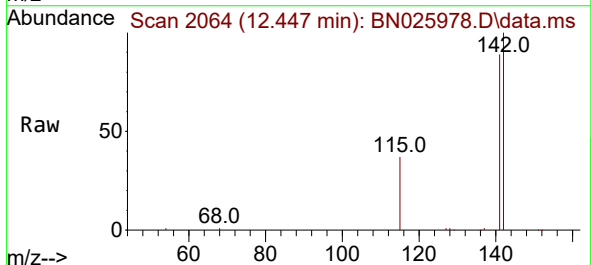
Instrument :
BNA_N
ClientSampleId :
DCFL6

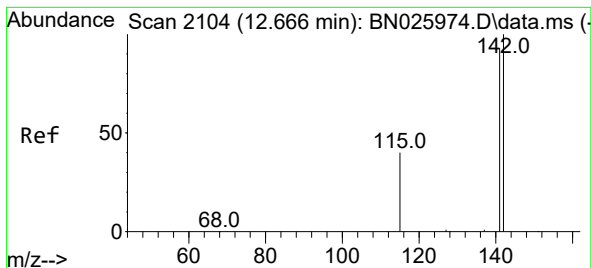
Tgt Ion:128 Resp: 269312
Ion Ratio Lower Upper
128 100
129 11.1 9.1 13.7
127 13.1 10.7 16.1



#7
2-Methylnaphthalene
Concen: 1.641 ng/ul
RT: 12.447 min Scan# 2064
Delta R.T. -0.006 min
Lab File: BN025978.D
Acq: 23 Jun 2023 21:27

Tgt Ion:142 Resp: 86096
Ion Ratio Lower Upper
142 100
141 89.2 71.9 107.9





#8

1-Methylnaphthalene

Concen: 0.853 ng/ul

RT: 12.667 min Scan# 2104

Delta R.T. -0.006 min

Lab File: BN025978.D

Acq: 23 Jun 2023 21:27

Instrument :

BNA_N

ClientSampleId :

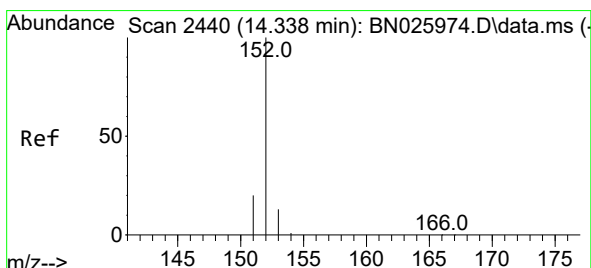
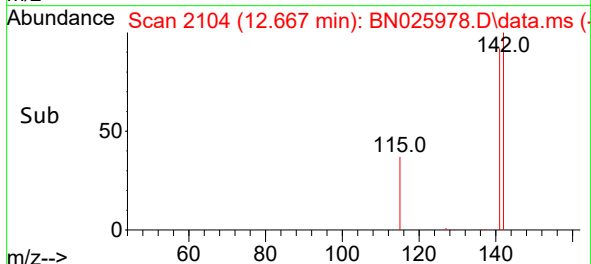
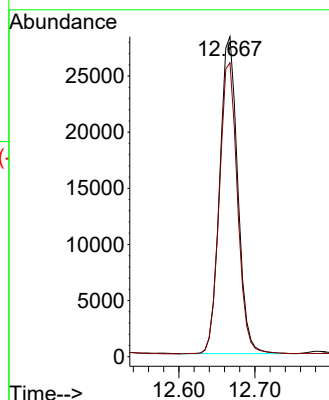
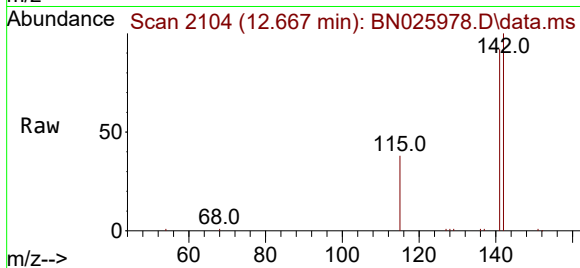
DCFL6

Tgt Ion:142 Resp: 46397

Ion Ratio Lower Upper

142 100

141 92.9 74.2 111.4



#10

Acenaphthylene

Concen: 6.476 ng/ul

RT: 14.335 min Scan# 2439

Delta R.T. -0.009 min

Lab File: BN025978.D

Acq: 23 Jun 2023 21:27

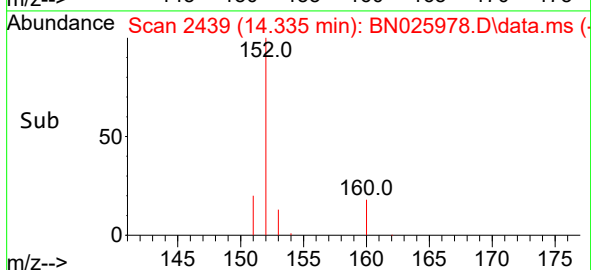
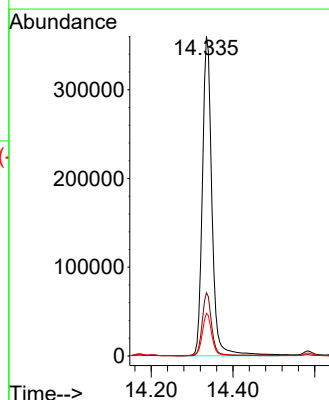
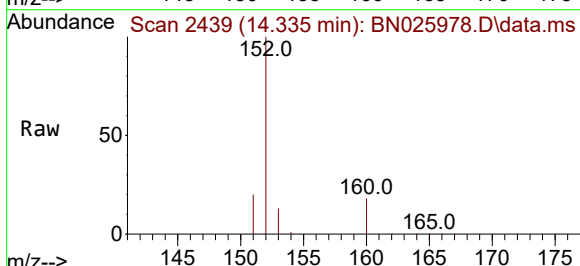
Tgt Ion:152 Resp: 583602

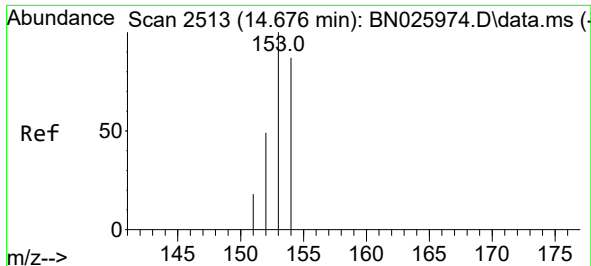
Ion Ratio Lower Upper

152 100

151 19.8 16.2 24.4

153 13.3 10.9 16.3

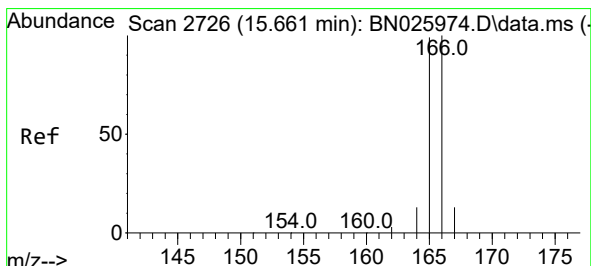
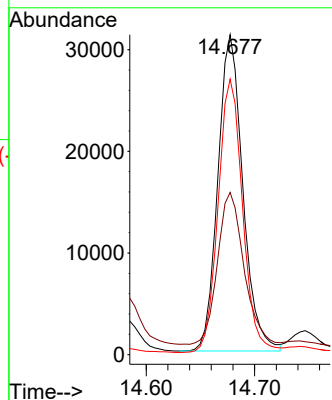
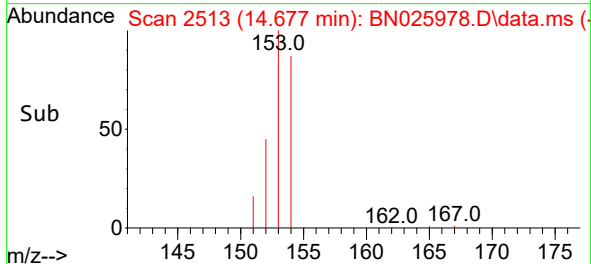
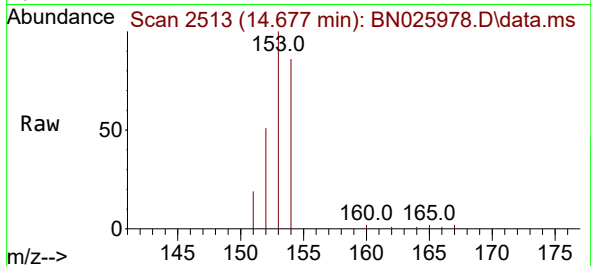




#11
Acenaphthene
Concen: 0.676 ng/ul
RT: 14.677 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN025978.D
Acq: 23 Jun 2023 21:27

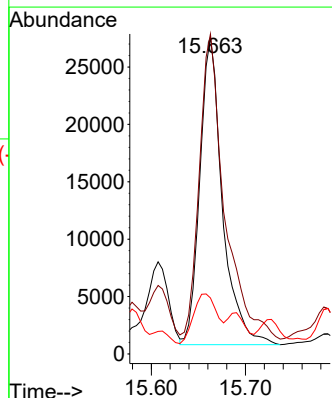
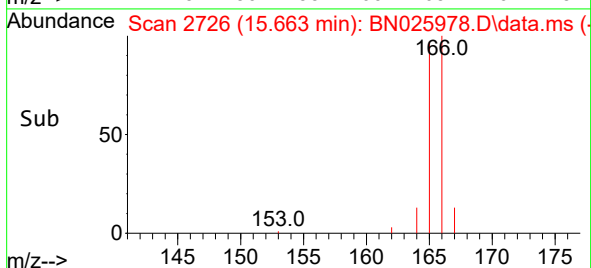
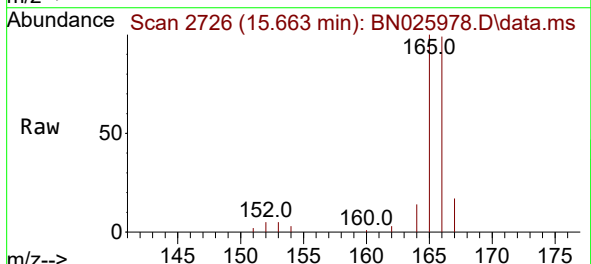
Instrument :
BNA_N
ClientSampleId :
DCFL6

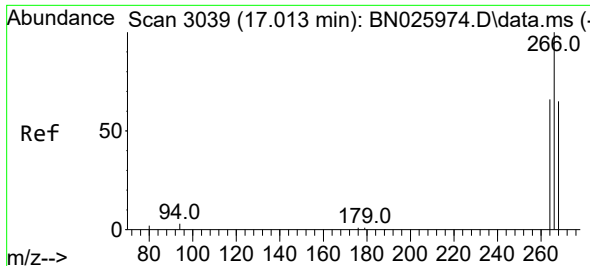
Tgt Ion:153 Resp: 49836
Ion Ratio Lower Upper
153 100
152 50.7 39.4 59.0
154 86.1 68.9 103.3



#12
Fluorene
Concen: 0.526 ng/ul
RT: 15.663 min Scan# 2726
Delta R.T. -0.004 min
Lab File: BN025978.D
Acq: 23 Jun 2023 21:27

Tgt Ion:166 Resp: 44475
Ion Ratio Lower Upper
166 100
165 101.0 79.9 119.9
167 17.7 10.8 16.2#

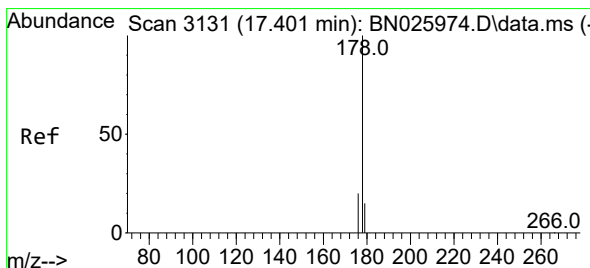
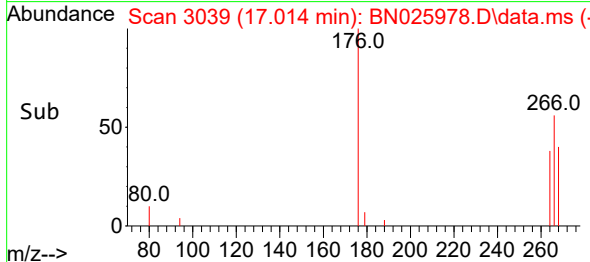
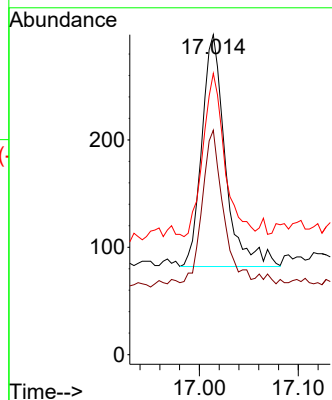
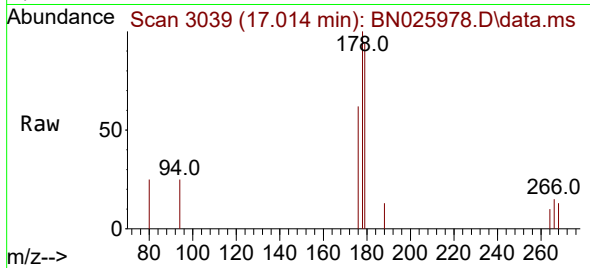




#14
Pentachlorophenol
Concen: 0.026 ng/ul
RT: 17.014 min Scan# 3039
Delta R.T. -0.004 min
Lab File: BN025978.D
Acq: 23 Jun 2023 21:27

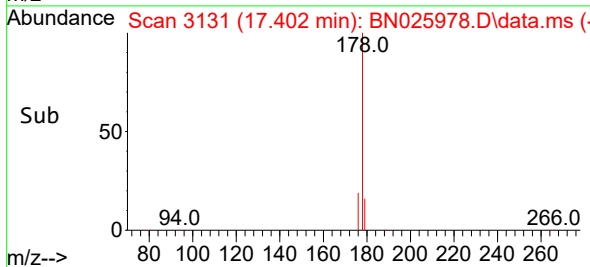
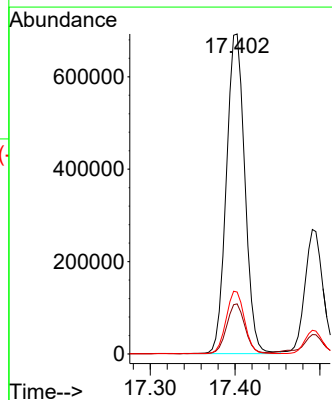
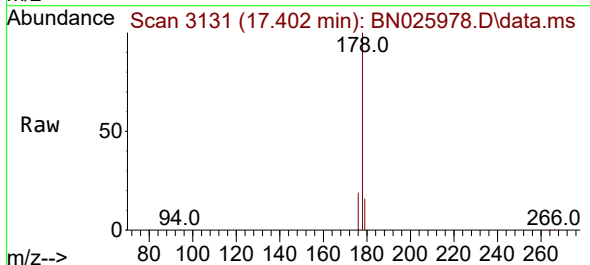
Instrument :
BNA_N
ClientSampleId :
DCFL6

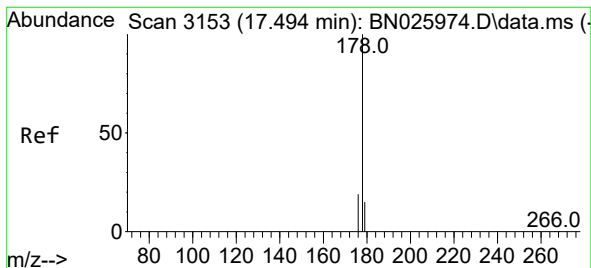
Tgt Ion:266 Resp: 358
Ion Ratio Lower Upper
266 100
264 57.8 50.5 75.7
268 65.1 51.6 77.4



#15
Phenanthrene
Concen: 8.166 ng/ul
RT: 17.402 min Scan# 3131
Delta R.T. -0.004 min
Lab File: BN025978.D
Acq: 23 Jun 2023 21:27

Tgt Ion:178 Resp: 1045391
Ion Ratio Lower Upper
178 100
179 15.6 12.6 19.0
176 19.4 15.8 23.6





#16

Anthracene

Concen: 3.368 ng/ul

RT: 17.491 min Scan# 3153

Delta R.T. -0.008 min

Lab File: BN025978.D

Acq: 23 Jun 2023 21:27

Instrument :

BNA_N

ClientSampleId :

DCFL6

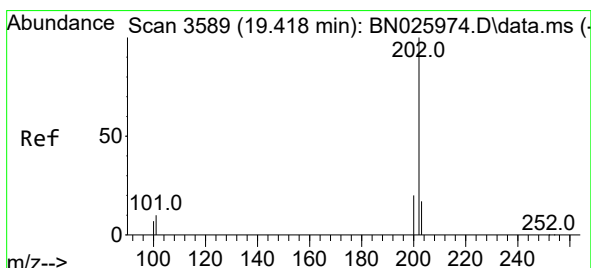
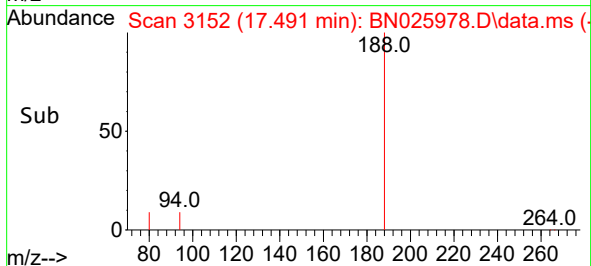
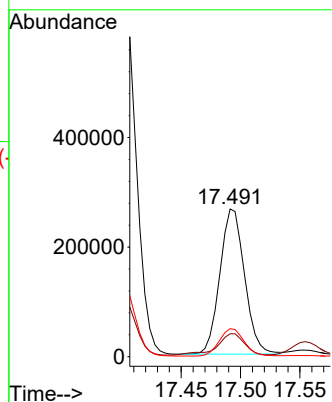
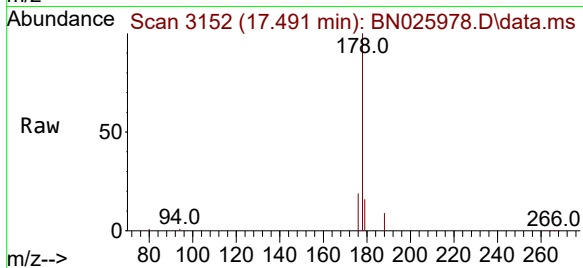
Tgt Ion:178 Resp: 383206

Ion Ratio Lower Upper

178 100

179 15.5 12.6 18.8

176 19.0 15.1 22.7



#19

Fluoranthene

Concen: 31.502 ng/ul

RT: 19.420 min Scan# 3589

Delta R.T. 0.001 min

Lab File: BN025978.D

Acq: 23 Jun 2023 21:27

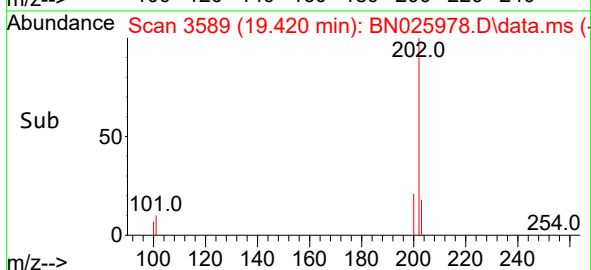
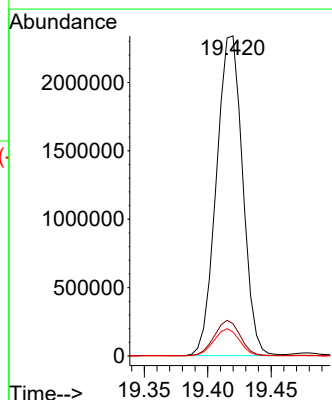
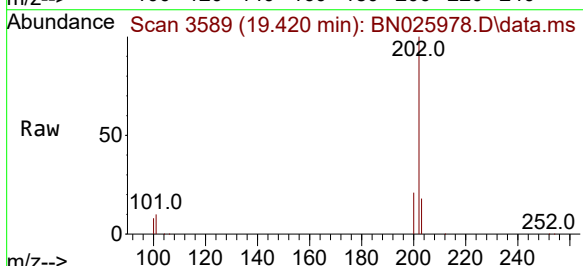
Tgt Ion:202 Resp: 3357792

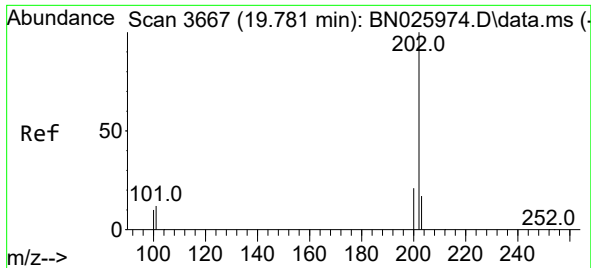
Ion Ratio Lower Upper

202 100

101 10.1 9.5 14.3

100 7.5 7.3 10.9

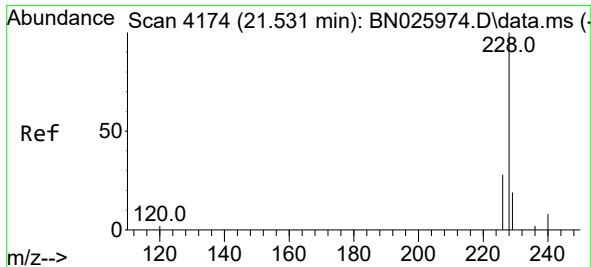
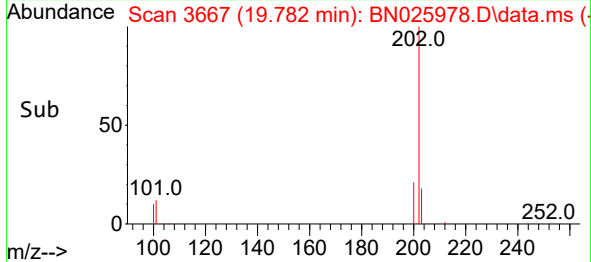
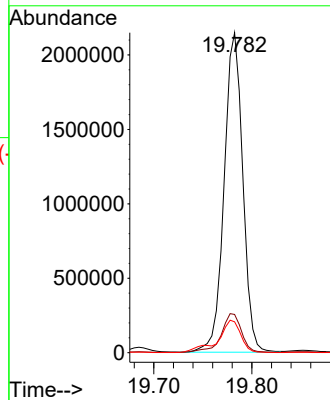
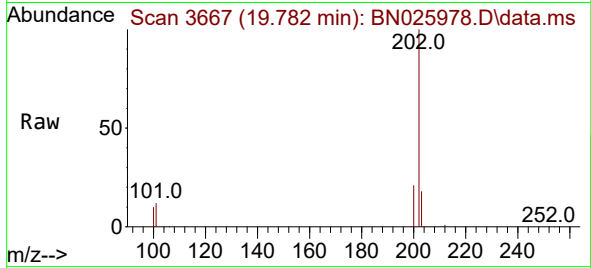




#20
Pyrene
Concen: 25.609 ng/ul
RT: 19.782 min Scan# 3667
Delta R.T. 0.001 min
Lab File: BN025978.D
Acq: 23 Jun 2023 21:27

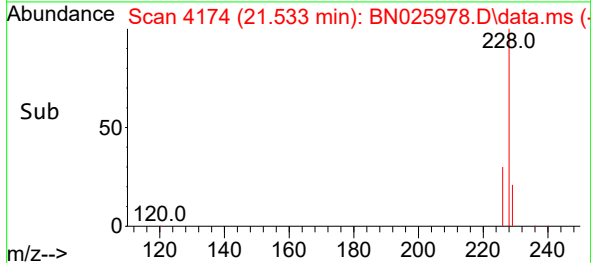
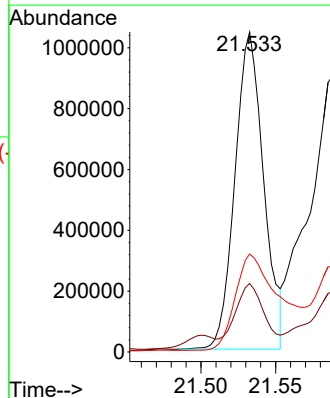
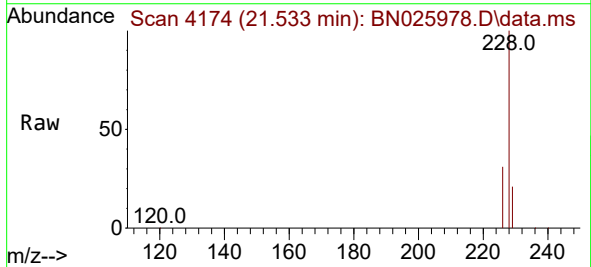
Instrument :
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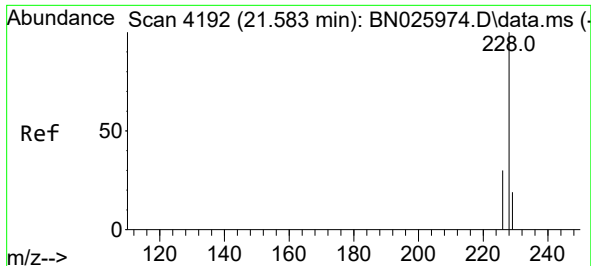
Tgt Ion:202 Resp: 2839177
Ion Ratio Lower Upper
202 100
101 11.9 11.4 17.0
100 9.6 9.1 13.7



#21
Benzo(a)anthracene
Concen: 16.921 ng/ul
RT: 21.533 min Scan# 4174
Delta R.T. 0.001 min
Lab File: BN025978.D
Acq: 23 Jun 2023 21:27

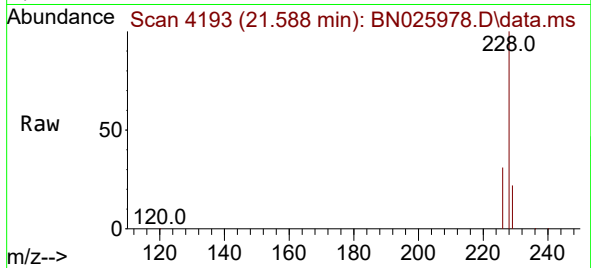
Tgt Ion:228 Resp: 1393023
Ion Ratio Lower Upper
228 100
229 21.4 15.8 23.6
226 30.6 22.5 33.7



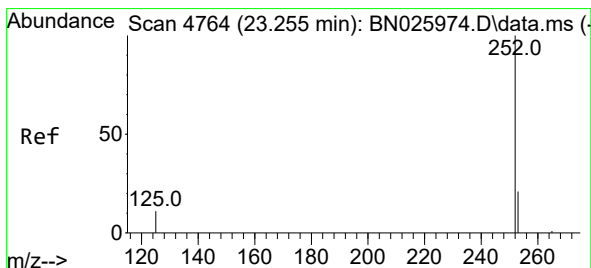
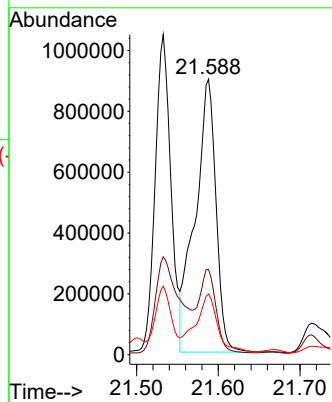
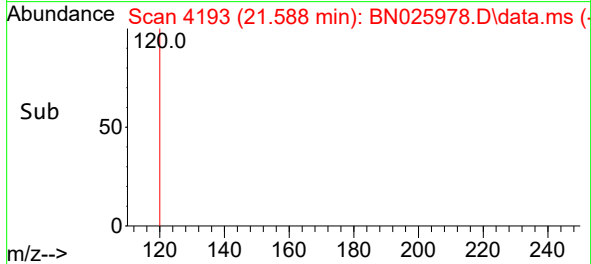


#22
Chrysene
Concen: 18.600 ng/ul
RT: 21.588 min Scan# 4193
Delta R.T. 0.004 min
Lab File: BN025978.D
Acq: 23 Jun 2023 21:27

Instrument :
BNA_N
ClientSampleId :
DCFL6

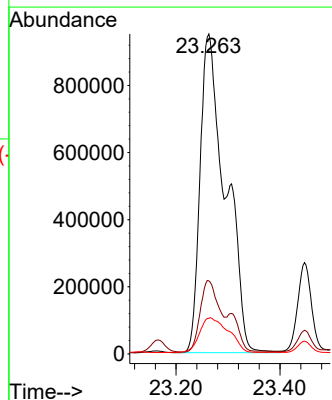
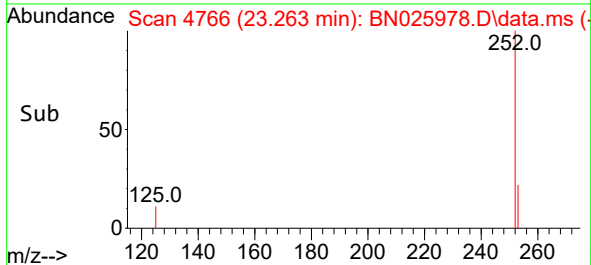
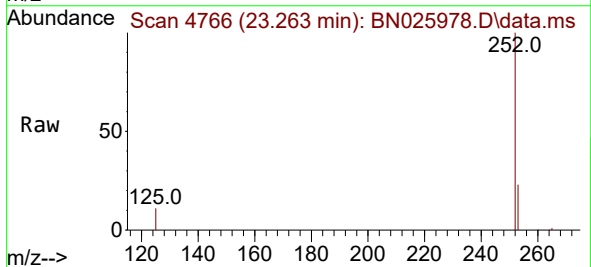


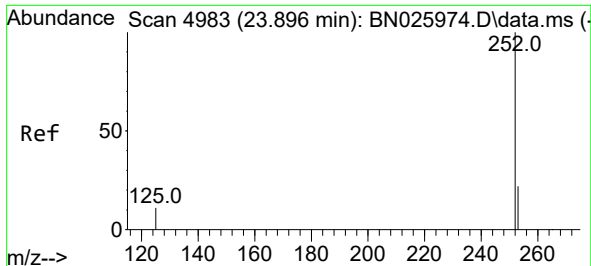
Tgt Ion:228 Resp: 1593299
Ion Ratio Lower Upper
228 100
226 30.9 24.8 37.2
229 22.0 15.7 23.5



#24
Benzo(b)fluoranthene
Concen: 40.156 ng/ul
RT: 23.263 min Scan# 4766
Delta R.T. 0.007 min
Lab File: BN025978.D
Acq: 23 Jun 2023 21:27

Tgt Ion:252 Resp: 3233865
Ion Ratio Lower Upper
252 100
253 22.8 0.0 55.6
125 11.2 0.0 35.8

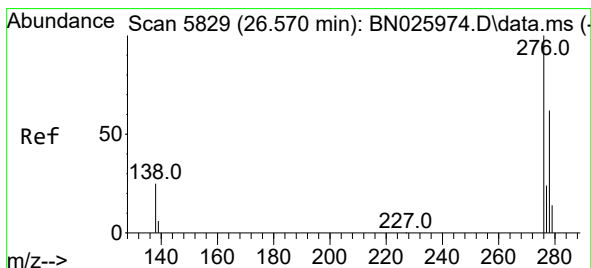
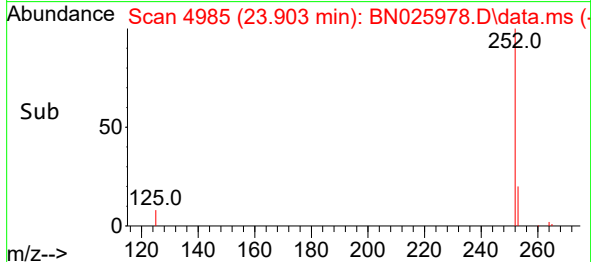
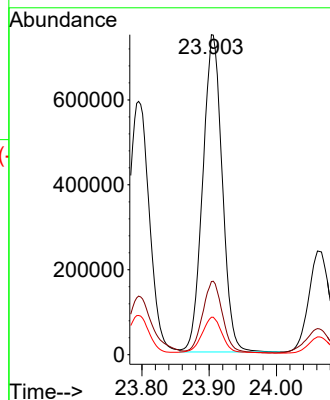
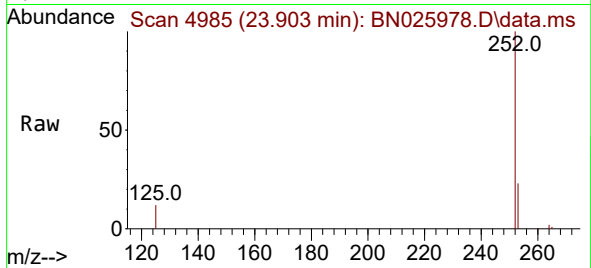




#26
Benzo(a)pyrene
Concen: 21.471 ng/ul
RT: 23.903 min Scan# 4985
Delta R.T. -0.005 min
Lab File: BN025978.D
Acq: 23 Jun 2023 21:27

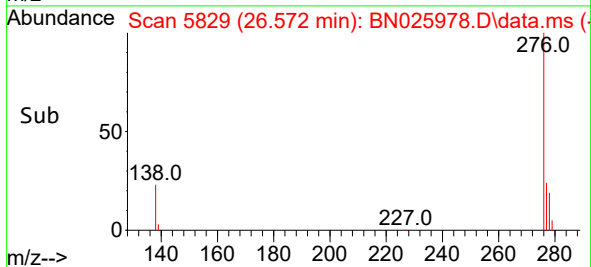
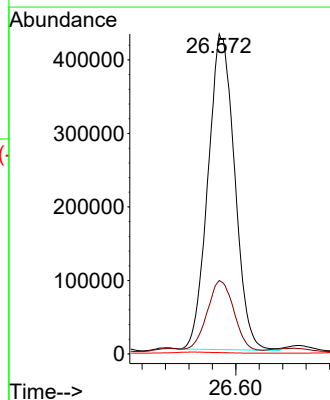
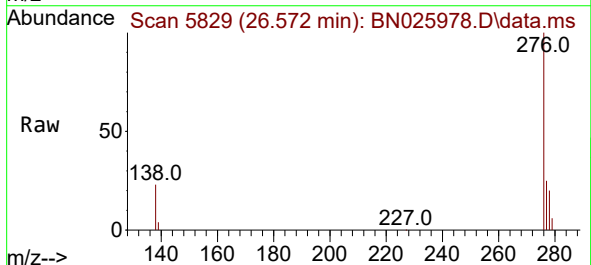
Instrument :
BNA_N
ClientSampleId :
DCFL6

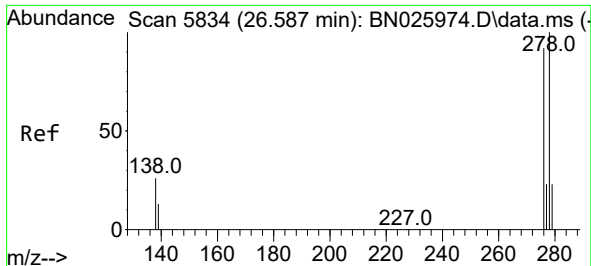
Tgt Ion:252 Resp: 1501806
Ion Ratio Lower Upper
252 100
253 22.8 26.0 39.0#
125 11.7 17.3 25.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 17.698 ng/ul
RT: 26.572 min Scan# 5829
Delta R.T. -0.023 min
Lab File: BN025978.D
Acq: 23 Jun 2023 21:27

Tgt Ion:276 Resp: 1352084
Ion Ratio Lower Upper
276 100
138 23.1 24.5 36.7#
227 0.0 0.0 0.0

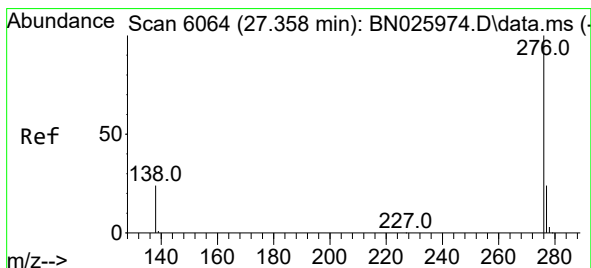
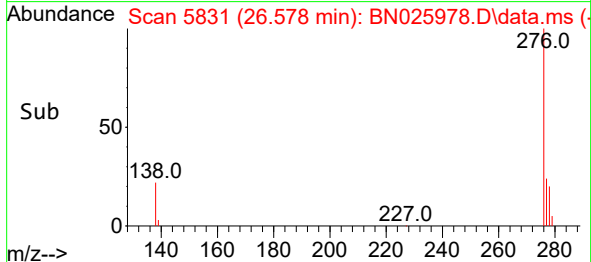
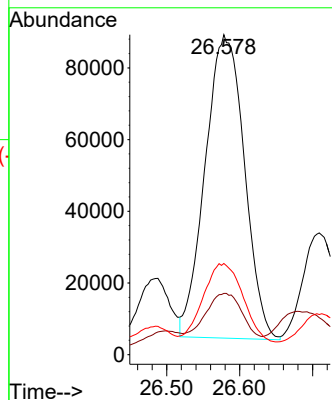
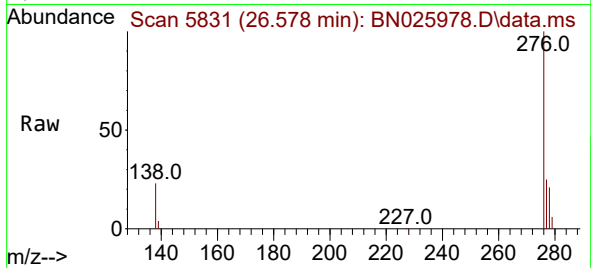




#28
 Dibenzo(a,h)anthracene
 Concen: 5.462 ng/ul
 RT: 26.578 min Scan# 5834
 Delta R.T. -0.043 min
 Lab File: BN025978.D
 Acq: 23 Jun 2023 21:27

Instrument :
 BNA_N
 ClientSampleId :
 DCFL6

Tgt Ion:278 Resp: 315837
 Ion Ratio Lower Upper
 278 100
 139 19.2 19.0 28.4
 279 28.5 26.7 40.1



#29
 Benzo(g,h,i)perylene
 Concen: 19.310 ng/ul
 RT: 27.377 min Scan# 6069
 Delta R.T. -0.009 min
 Lab File: BN025978.D
 Acq: 23 Jun 2023 21:27

Tgt Ion:276 Resp: 1312352
 Ion Ratio Lower Upper
 276 100
 138 23.4 23.4 35.0
 277 23.9 20.0 30.0

