

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062423\
 Data File : BN025979.D
 Acq On : 23 Jun 2023 22:03
 Operator : MA/JU
 Sample : 03083-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFK3

Quant Time: Jun 24 01:01:42 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

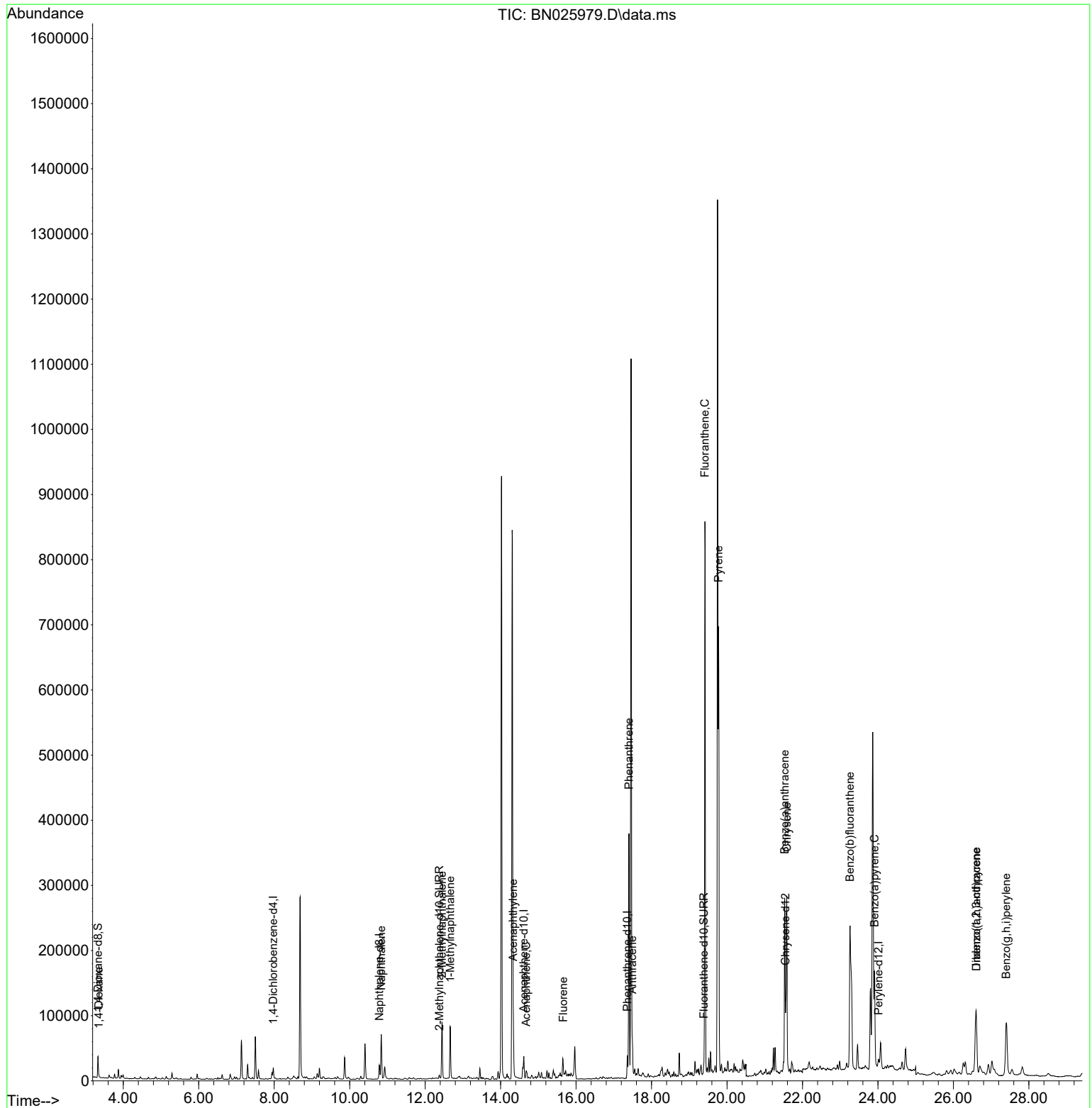
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.976	152	9351	0.400	ng/ul	0.00
4) Naphthalene-d8	10.787	136	29021	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.616	164	18720	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.359	188	38793	0.400	ng/ul	0.00
17) Chrysene-d12	21.546	240	21150	0.400	ng/ul	# 0.00
23) Perylene-d12	24.016	264	19637	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.331	96	22041	2.093	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.376	152	7596	0.170	ng/ul	0.00
18) Fluoranthene-d10	19.386	212	15928	0.198	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.348	88	437	0.039	ng/ul#	21
5) Naphthalene	10.836	128	97275	1.170	ng/ul	100
7) 2-Methylnaphthalene	12.447	142	62662	1.183	ng/ul	99
8) 1-Methylnaphthalene	12.667	142	56956	1.038	ng/ul	100
10) Acenaphthylene	14.334	152	92293	1.053	ng/ul	97
11) Acenaphthene	14.676	153	8529	0.119	ng/ul	94
12) Fluorene	15.662	166	9474	0.115	ng/ul#	83
15) Phenanthrene	17.402	178	405615	3.165	ng/ul	99
16) Anthracene	17.490	178	46689	0.410	ng/ul	96
19) Fluoranthene	19.414	202	723287	6.403	ng/ul	99
20) Pyrene	19.777	202	556040	4.732	ng/ul	97
21) Benzo(a)anthracene	21.529	228	229073	2.625	ng/ul	94
22) Chrysene	21.584	228	305034	3.360	ng/ul	96
24) Benzo(b)fluoranthene	23.259	252	494974	5.906	ng/ul	93
26) Benzo(a)pyrene	23.908	252	203519	2.796	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.601	276	174924	2.200	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.608	278	43168	0.717	ng/ul#	92
29) Benzo(g,h,i)perylene	27.399	276	183318	2.592	ng/ul	97

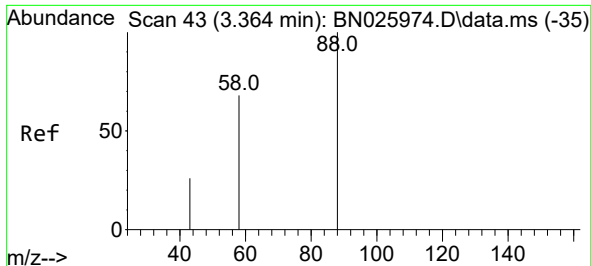
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062423\
Data File : BN025979.D
Acq On : 23 Jun 2023 22:03
Operator : MA/JU
Sample : 03083-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DCFK3

Quant Time: Jun 24 01:01:42 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

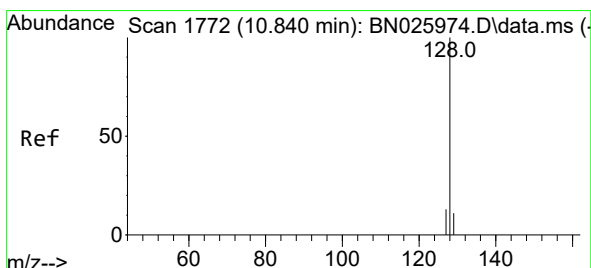
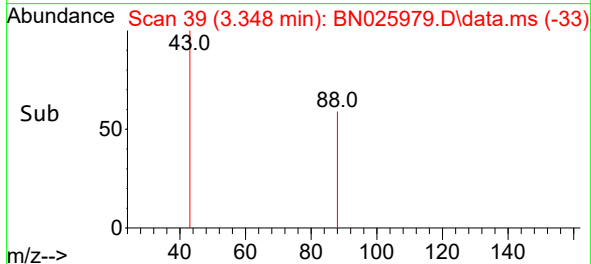
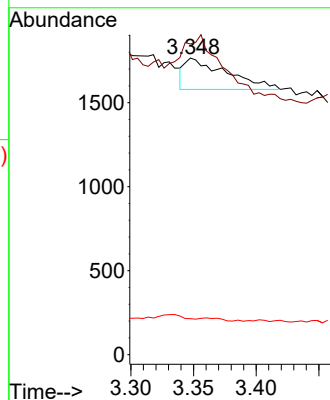
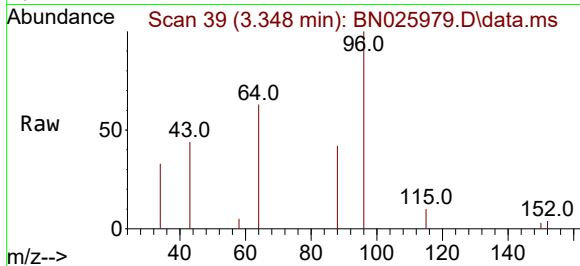




#2
1,4-Dioxane
Concen: 0.039 ng/ul
RT: 3.348 min Scan# 39
Delta R.T. -0.025 min
Lab File: BN025979.D
Acq: 23 Jun 2023 22:03

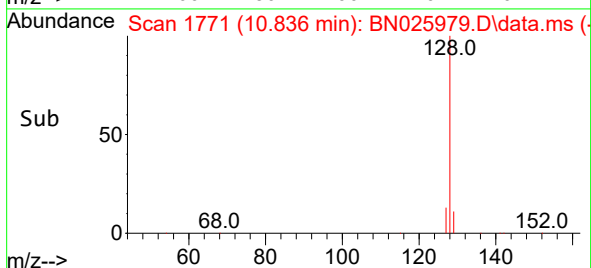
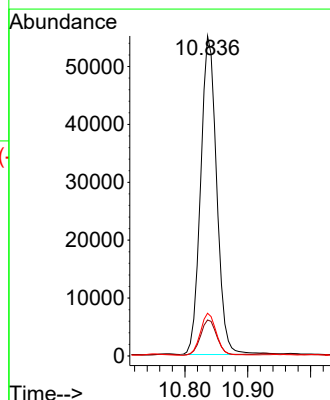
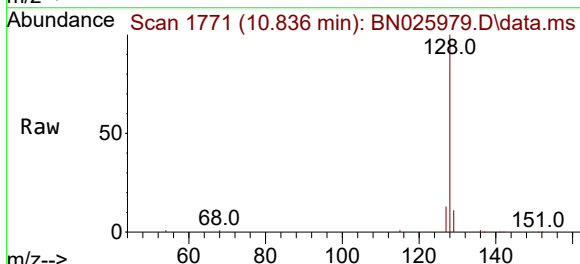
Instrument :
BNA_N
ClientSampleId :
DCFK3

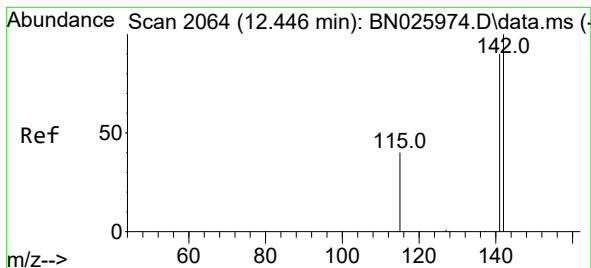
Tgt Ion: 88 Resp: 437
Ion Ratio Lower Upper
88 100
43 104.8 29.5 44.3#
58 12.1 37.4 56.2#



#5
Naphthalene
Concen: 1.170 ng/ul
RT: 10.836 min Scan# 1771
Delta R.T. -0.011 min
Lab File: BN025979.D
Acq: 23 Jun 2023 22:03

Tgt Ion: 128 Resp: 97275
Ion Ratio Lower Upper
128 100
129 11.2 9.1 13.7
127 13.3 10.7 16.1

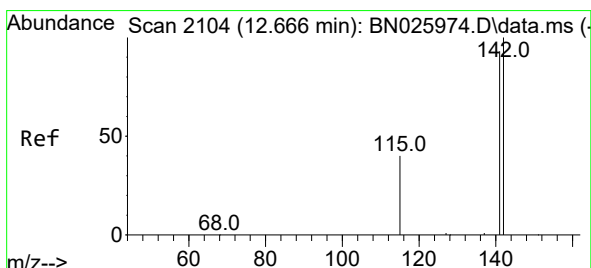
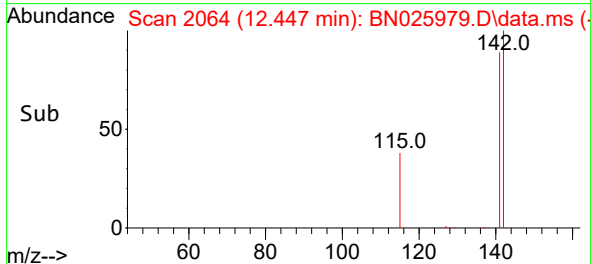
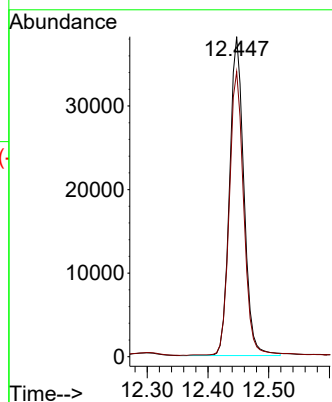
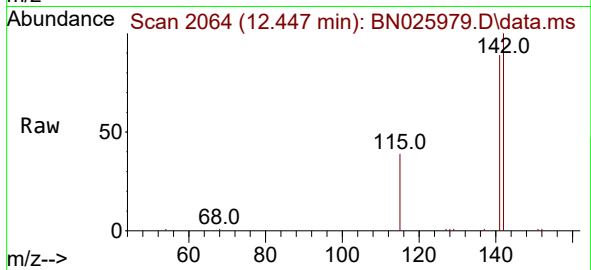




#7
2-Methylnaphthalene
Concen: 1.183 ng/ul
RT: 12.447 min Scan# 2064
Delta R.T. -0.006 min
Lab File: BN025979.D
Acq: 23 Jun 2023 22:03

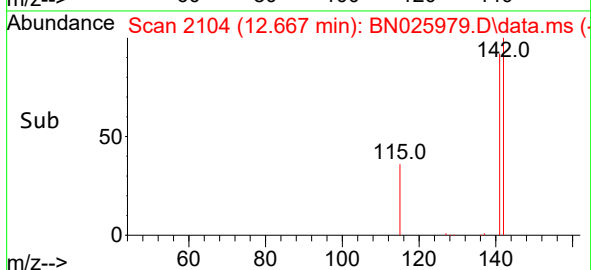
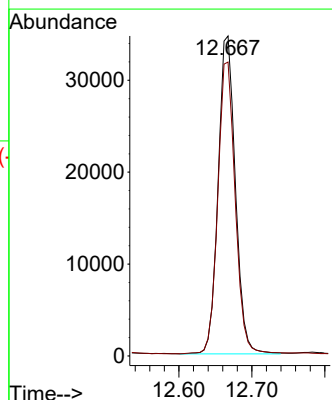
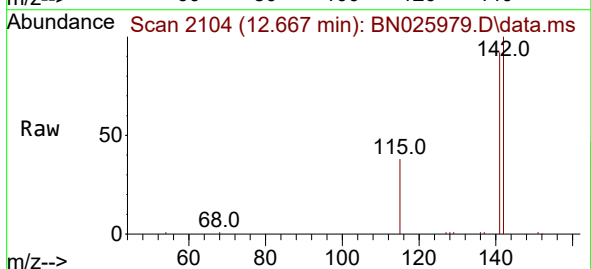
Instrument :
BNA_N
ClientSampleId :
DCFK3

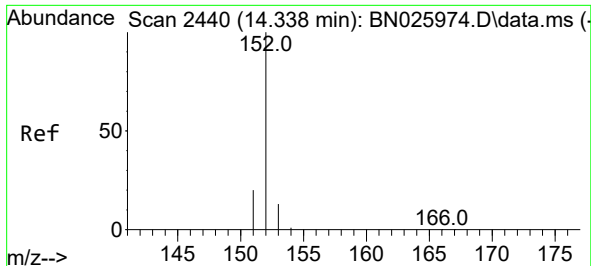
Tgt Ion:142 Resp: 62662
Ion Ratio Lower Upper
142 100
141 88.8 71.9 107.9



#8
1-Methylnaphthalene
Concen: 1.038 ng/ul
RT: 12.667 min Scan# 2104
Delta R.T. -0.006 min
Lab File: BN025979.D
Acq: 23 Jun 2023 22:03

Tgt Ion:142 Resp: 56956
Ion Ratio Lower Upper
142 100
141 92.6 74.2 111.4

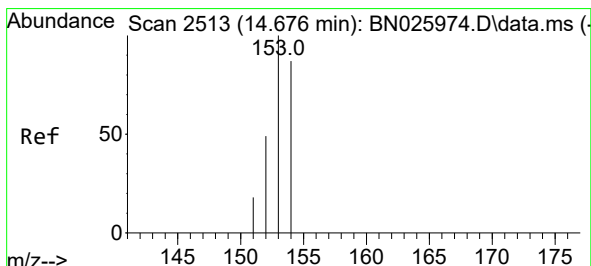
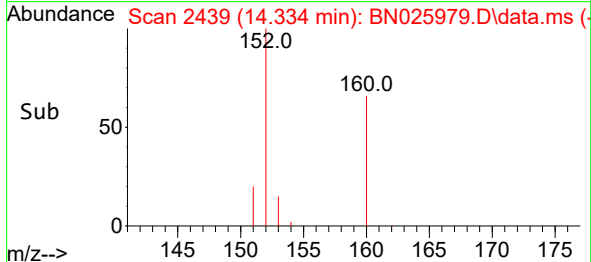
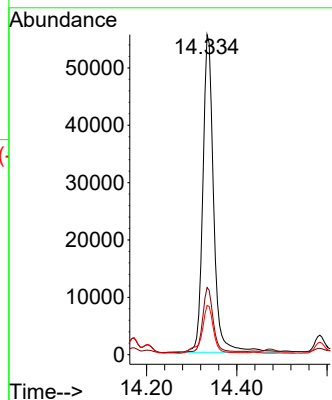
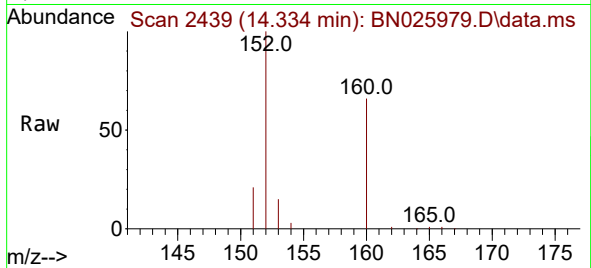




#10
Acenaphthylene
Concen: 1.053 ng/ul
RT: 14.334 min Scan# 2440
Delta R.T. -0.009 min
Lab File: BN025979.D
Acq: 23 Jun 2023 22:03

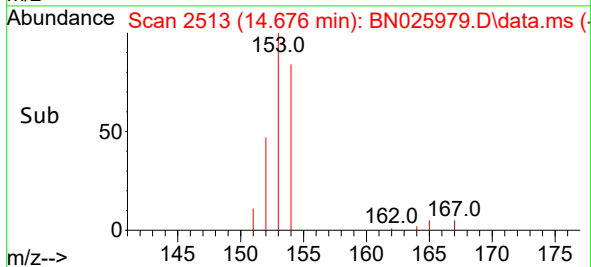
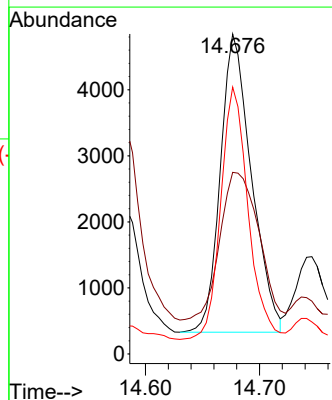
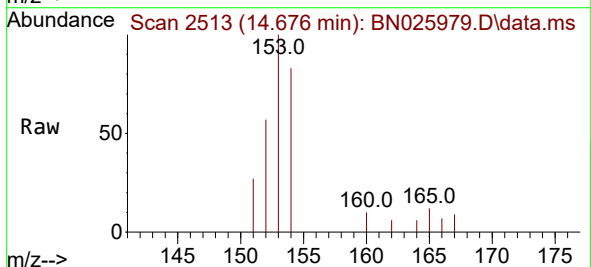
Instrument :
BNA_N
ClientSampleId :
DCFK3

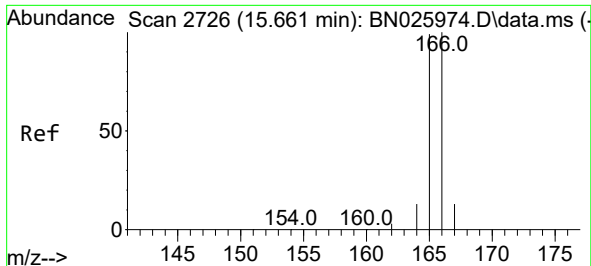
Tgt Ion:152 Resp: 92293
Ion Ratio Lower Upper
152 100
151 21.0 16.2 24.4
153 15.4 10.9 16.3



#11
Acenaphthene
Concen: 0.119 ng/ul
RT: 14.676 min Scan# 2513
Delta R.T. -0.005 min
Lab File: BN025979.D
Acq: 23 Jun 2023 22:03

Tgt Ion:153 Resp: 8529
Ion Ratio Lower Upper
153 100
152 56.7 39.4 59.0
154 83.4 68.9 103.3

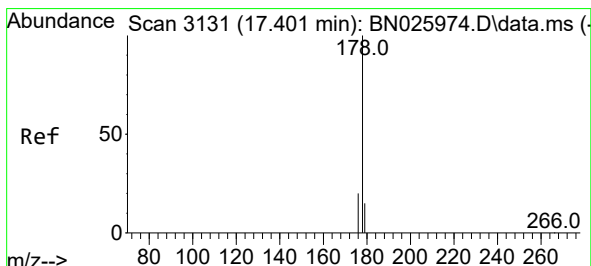
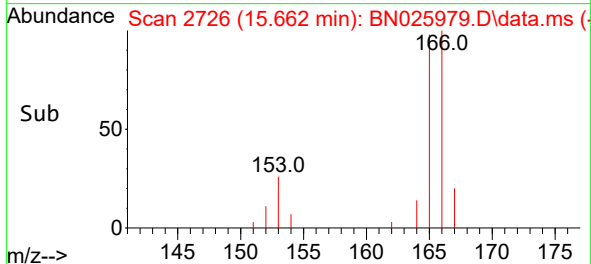
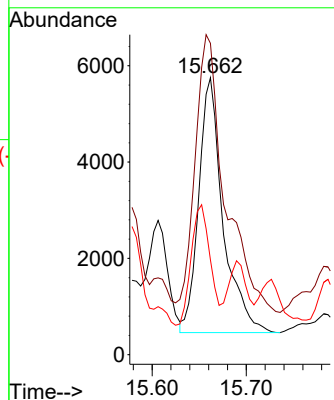
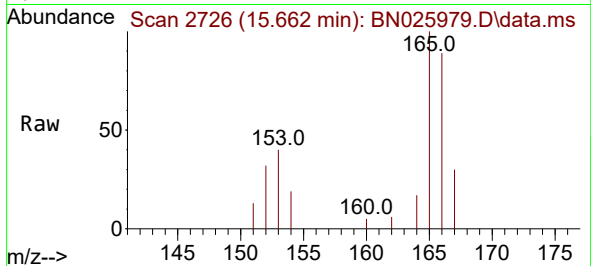




#12
Fluorene
Concen: 0.115 ng/ul
RT: 15.662 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN025979.D
Acq: 23 Jun 2023 22:03

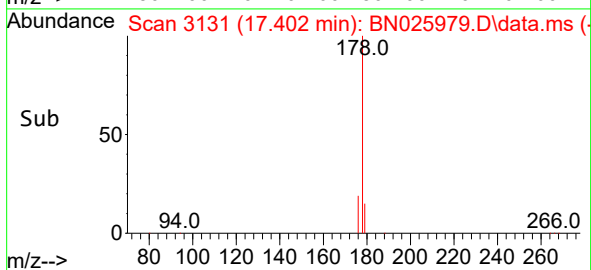
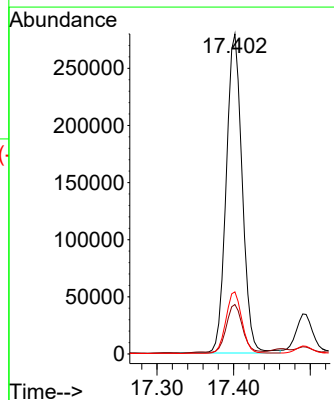
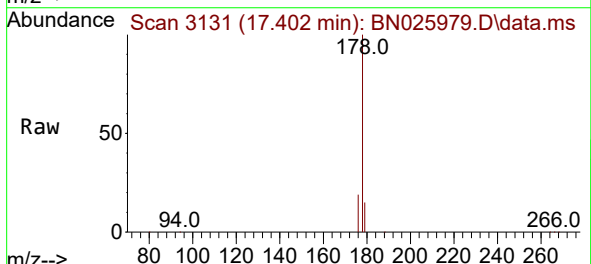
Instrument :
BNA_N
ClientSampleId :
DCFK3

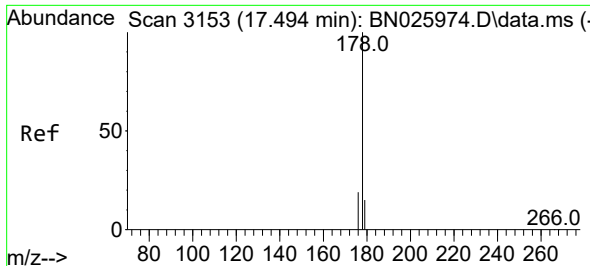
Tgt Ion:166 Resp: 9474
Ion Ratio Lower Upper
166 100
165 112.4 79.9 119.9
167 34.2 10.8 16.2#



#15
Phenanthrene
Concen: 3.165 ng/ul
RT: 17.402 min Scan# 3131
Delta R.T. -0.004 min
Lab File: BN025979.D
Acq: 23 Jun 2023 22:03

Tgt Ion:178 Resp: 405615
Ion Ratio Lower Upper
178 100
179 15.5 12.6 19.0
176 19.4 15.8 23.6

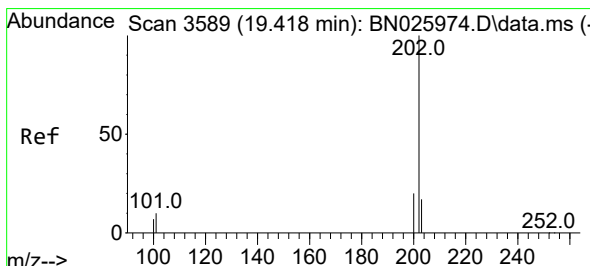
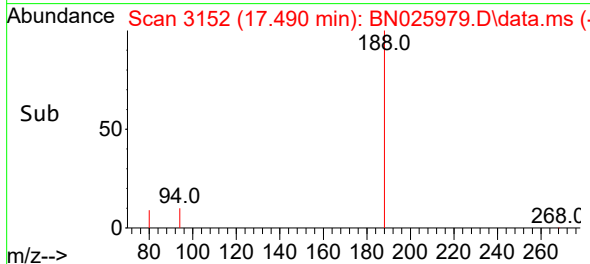
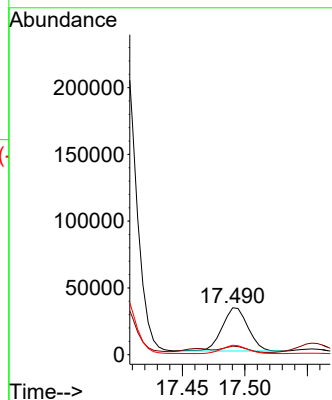
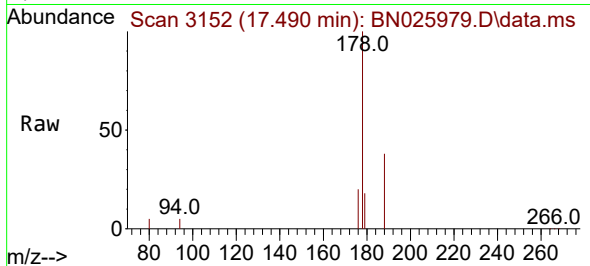




#16
 Anthracene
 Concen: 0.410 ng/ul
 RT: 17.490 min Scan# 3153
 Delta R.T. -0.009 min
 Lab File: BN025979.D
 Acq: 23 Jun 2023 22:03

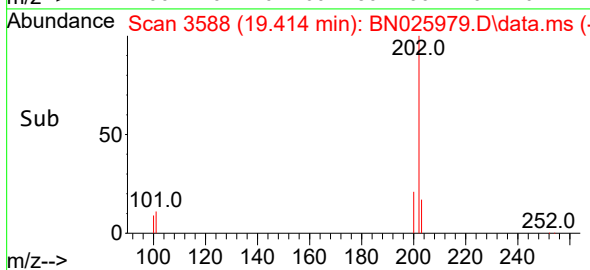
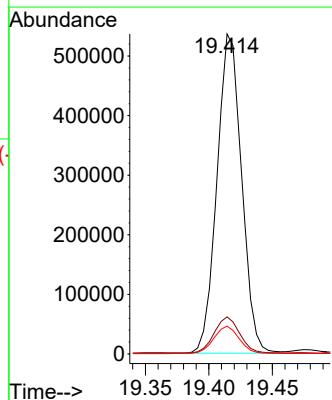
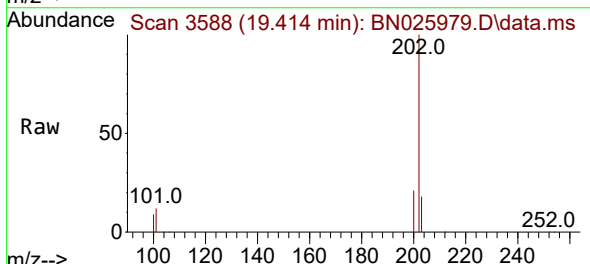
Instrument :
 BNA_N
 ClientSampleId :
 DCFK3

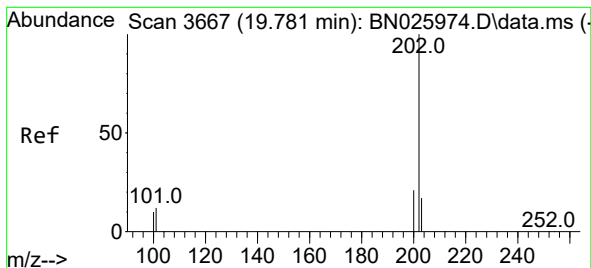
Tgt Ion:178 Resp: 46689
 Ion Ratio Lower Upper
 178 100
 179 18.0 12.6 18.8
 176 20.1 15.1 22.7



#19
 Fluoranthene
 Concen: 6.403 ng/ul
 RT: 19.414 min Scan# 3588
 Delta R.T. -0.005 min
 Lab File: BN025979.D
 Acq: 23 Jun 2023 22:03

Tgt Ion:202 Resp: 723287
 Ion Ratio Lower Upper
 202 100
 101 11.6 9.5 14.3
 100 8.7 7.3 10.9





#20

Pyrene

Concen: 4.732 ng/ul

RT: 19.777 min Scan# 3666

Delta R.T. -0.005 min

Lab File: BN025979.D

Acq: 23 Jun 2023 22:03

Instrument :

BNA_N

ClientSampleId :

DCFK3

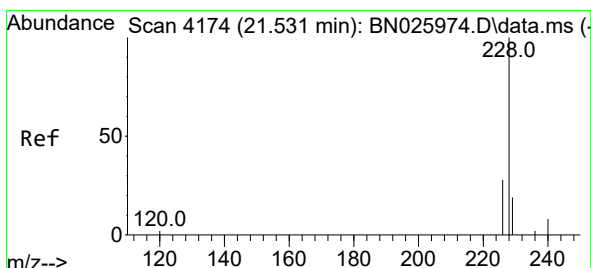
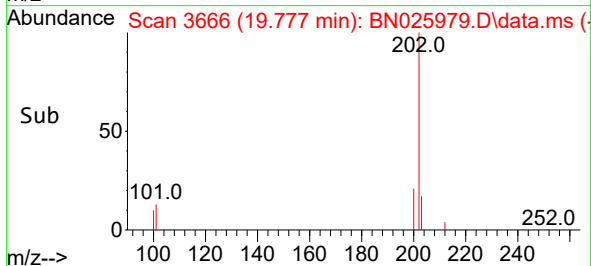
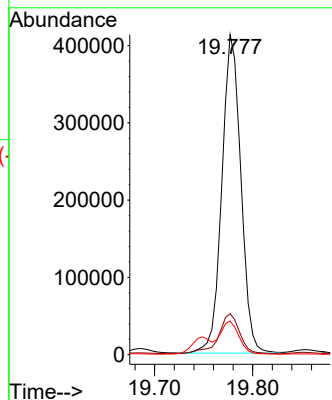
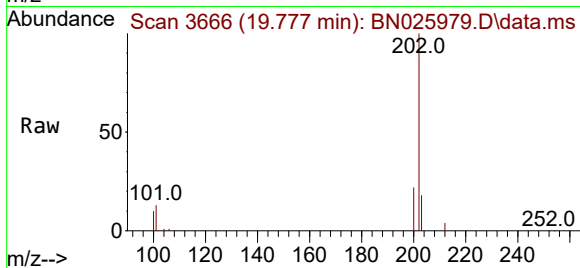
Tgt Ion:202 Resp: 556040

Ion Ratio Lower Upper

202 100

101 12.8 11.4 17.0

100 10.5 9.1 13.7



#21

Benzo(a)anthracene

Concen: 2.625 ng/ul

RT: 21.529 min Scan# 4173

Delta R.T. -0.003 min

Lab File: BN025979.D

Acq: 23 Jun 2023 22:03

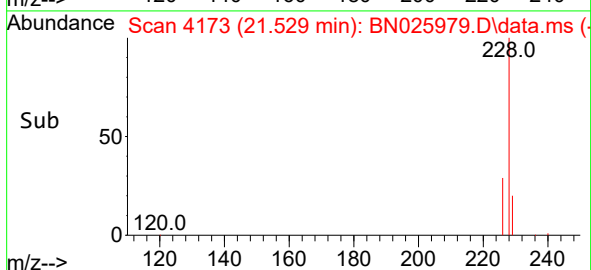
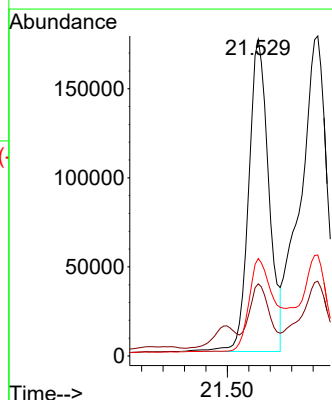
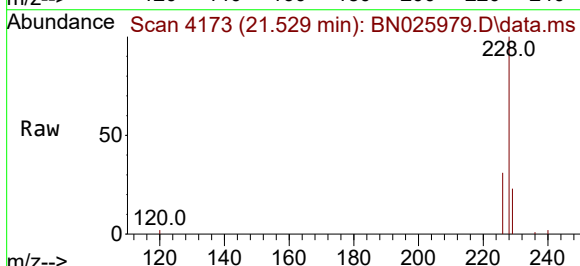
Tgt Ion:228 Resp: 229073

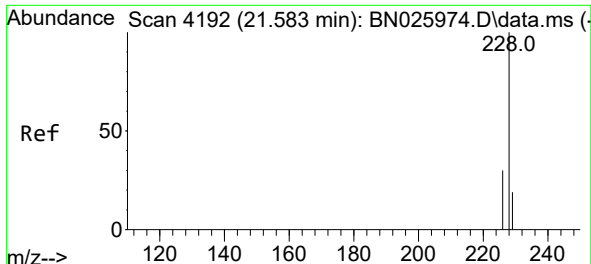
Ion Ratio Lower Upper

228 100

229 22.8 15.8 23.6

226 30.8 22.5 33.7





#22

Chrysene

Concen: 3.360 ng/ul

RT: 21.584 min Scan# 4192

Delta R.T. -0.000 min

Lab File: BN025979.D

Acq: 23 Jun 2023 22:03

Instrument :

BNA_N

ClientSampleId :

DCFK3

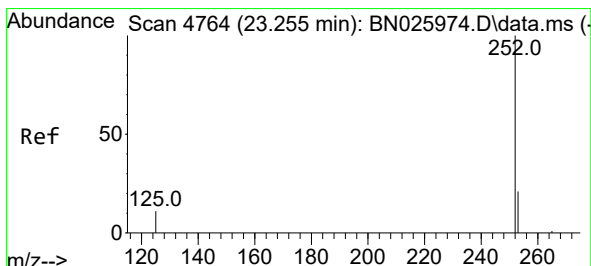
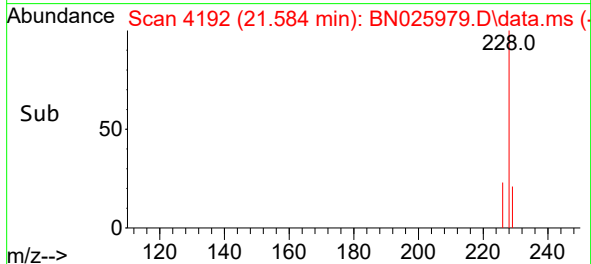
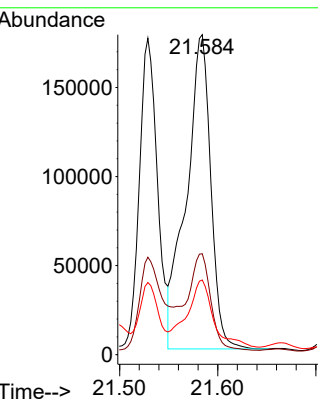
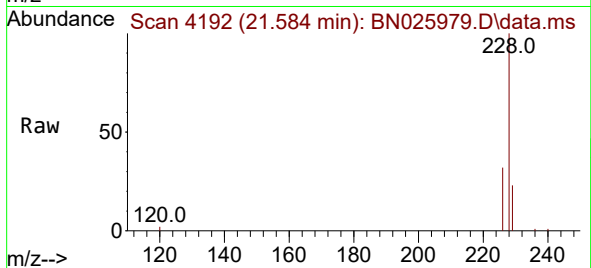
Tgt Ion:228 Resp: 305034

Ion Ratio Lower Upper

228 100

226 31.6 24.8 37.2

229 23.4 15.7 23.5



#24

Benzo(b)fluoranthene

Concen: 5.906 ng/ul

RT: 23.259 min Scan# 4765

Delta R.T. 0.003 min

Lab File: BN025979.D

Acq: 23 Jun 2023 22:03

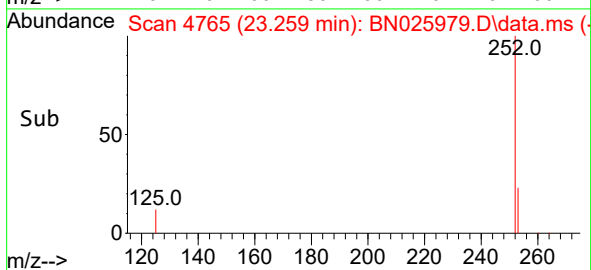
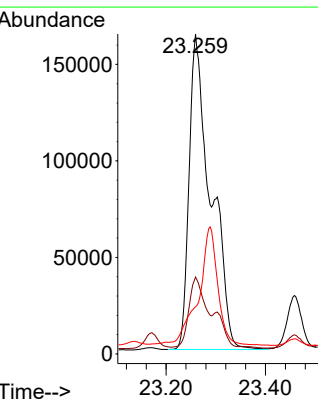
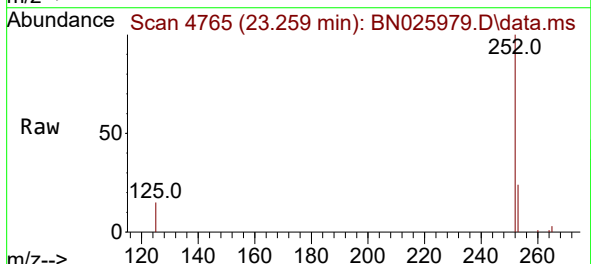
Tgt Ion:252 Resp: 494974

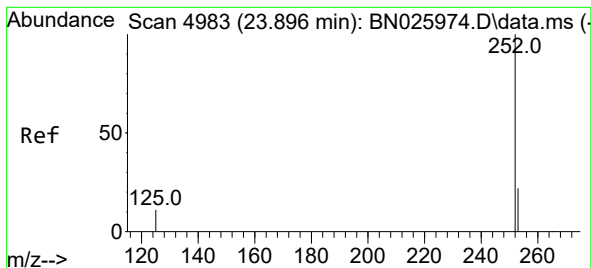
Ion Ratio Lower Upper

252 100

253 24.0 0.0 55.6

125 14.8 0.0 35.8





#26

Benzo(a)pyrene

Concen: 2.796 ng/ul

RT: 23.908 min Scan# 4983

Delta R.T. -0.000 min

Lab File: BN025979.D

Acq: 23 Jun 2023 22:03

Instrument :

BNA_N

ClientSampleId :

DCFK3

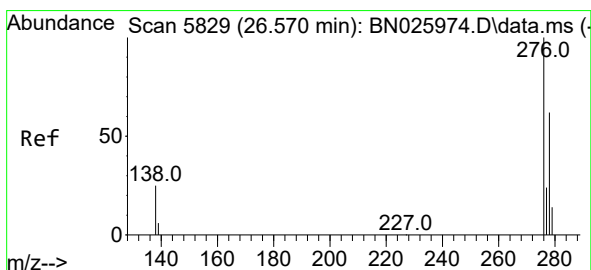
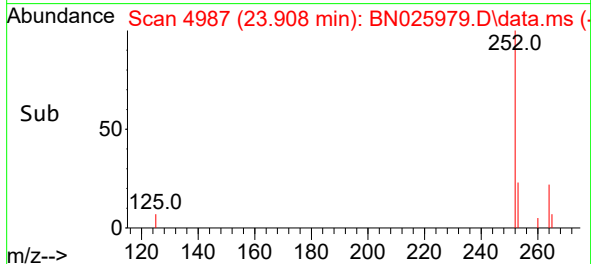
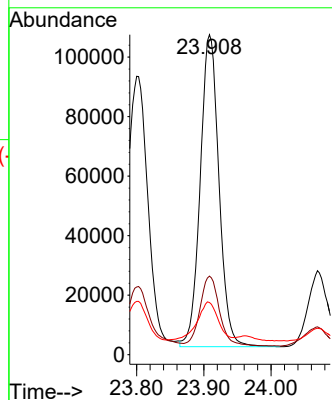
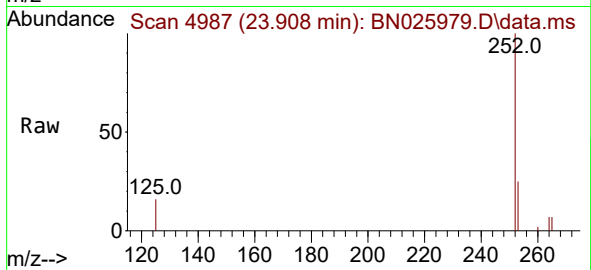
Tgt Ion:252 Resp: 203519

Ion Ratio Lower Upper

252 100

253 24.6 26.0 39.0#

125 16.3 17.3 25.9#



#27

Indeno(1,2,3-cd)pyrene

Concen: 2.200 ng/ul

RT: 26.601 min Scan# 5838

Delta R.T. 0.007 min

Lab File: BN025979.D

Acq: 23 Jun 2023 22:03

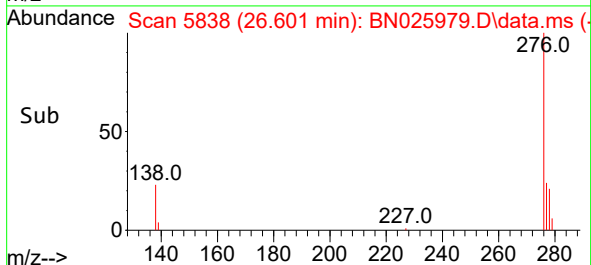
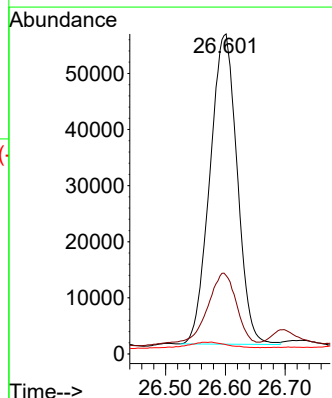
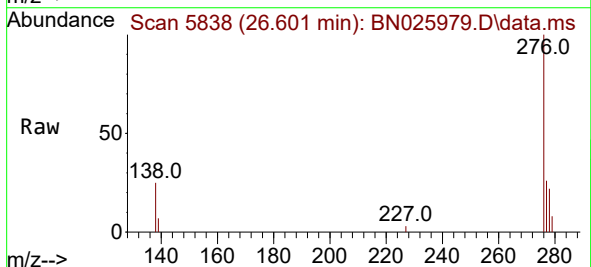
Tgt Ion:276 Resp: 174924

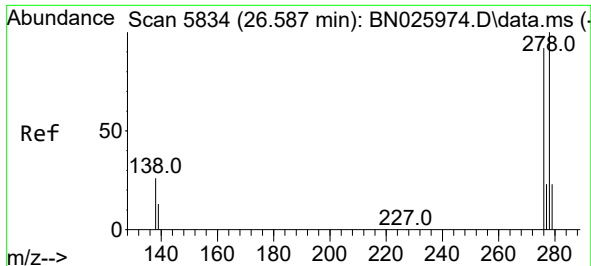
Ion Ratio Lower Upper

276 100

138 26.2 24.5 36.7

227 0.0 0.0 0.0

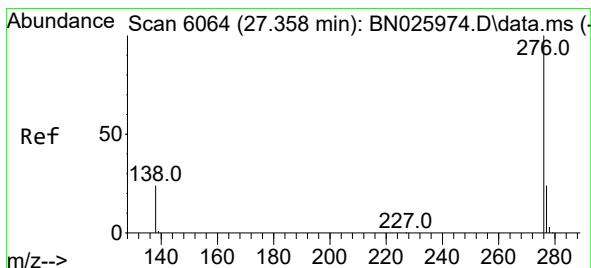
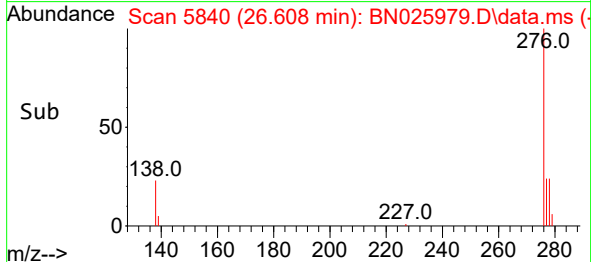
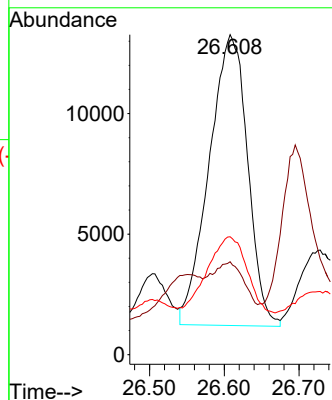
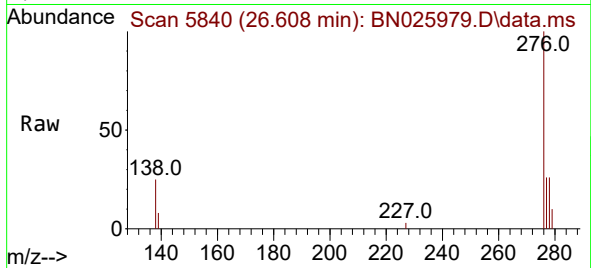




#28
 Dibenzo(a,h)anthracene
 Concen: 0.717 ng/ul
 RT: 26.608 min Scan# 5840
 Delta R.T. -0.014 min
 Lab File: BN025979.D
 Acq: 23 Jun 2023 22:03

Instrument :
 BNA_N
 ClientSampleId :
 DCFK3

Tgt Ion:278 Resp: 43168
 Ion Ratio Lower Upper
 278 100
 139 29.0 19.0 28.4#
 279 36.9 26.7 40.1



#29
 Benzo(g,h,i)perylene
 Concen: 2.592 ng/ul
 RT: 27.399 min Scan# 6076
 Delta R.T. 0.013 min
 Lab File: BN025979.D
 Acq: 23 Jun 2023 22:03

Tgt Ion:276 Resp: 183318
 Ion Ratio Lower Upper
 276 100
 138 26.4 23.4 35.0
 277 25.2 20.0 30.0

