

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070123\
 Data File : BN026134.D
 Acq On : 30 Jun 2023 17:42
 Operator : MA/JU
 Sample : 03143-17DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFV4DL

Quant Time: Jul 01 00:56:27 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 : Wed Jun 28 22:47:20 2023
 Response via : Initial Calibration

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

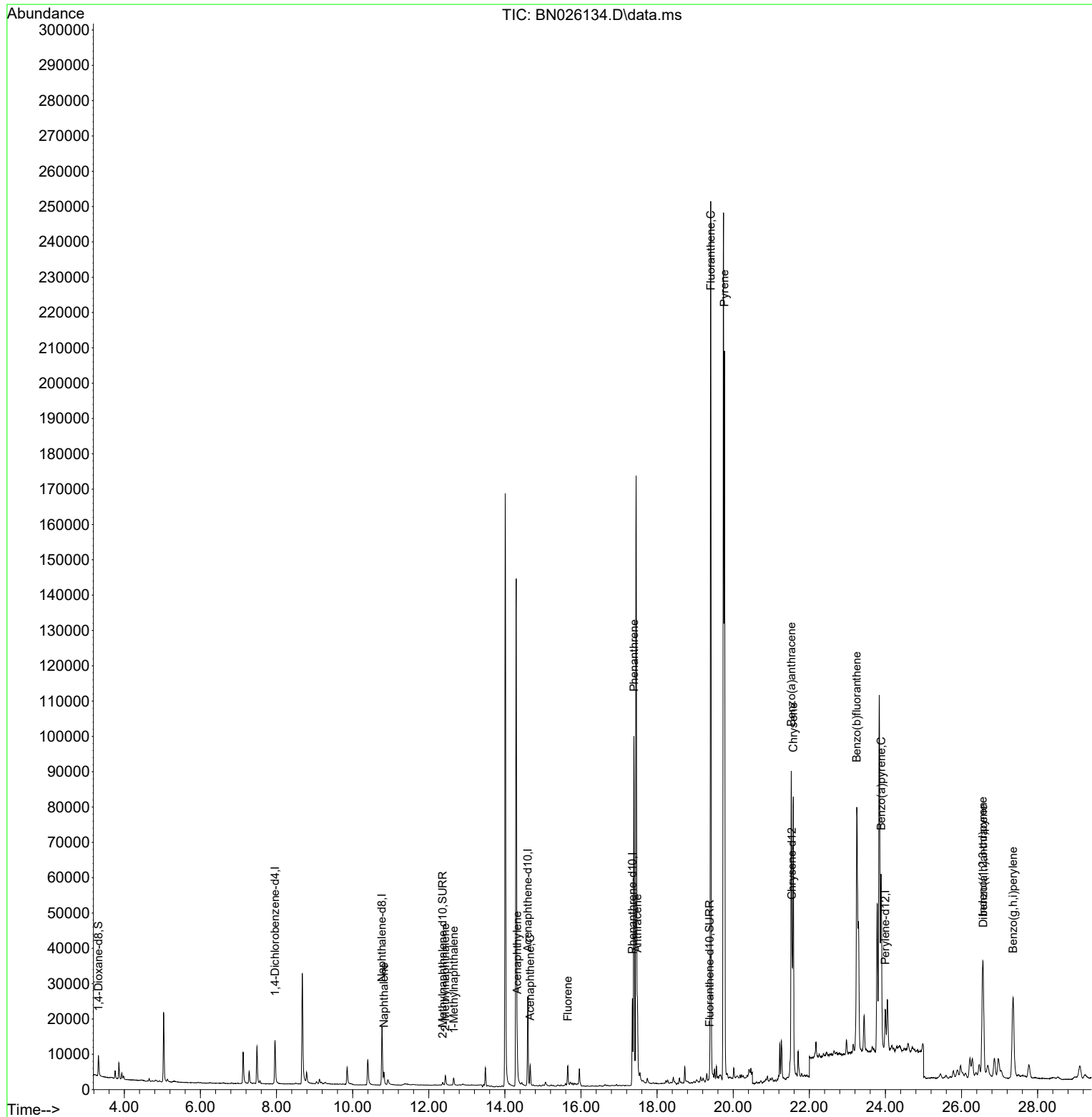
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.959	152	7778	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.770	136	25481	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.602	164	14760	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.351	188	30031	0.400	ng/ul	0.00
17) Chrysene-d12	21.543	240	16895	0.400	ng/ul	0.00
23) Perylene-d12	23.996	264	16241	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	3968	0.453	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.365	152	1318	0.034	ng/ul	0.00
18) Fluoranthene-d10	19.377	212	2614	0.041	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.825	128	5144	0.070	ng/ul#	95
7) 2-Methylnaphthalene	12.436	142	2397	0.052	ng/ul	99
8) 1-Methylnaphthalene	12.656	142	1580	0.033	ng/ul	97
10) Acenaphthylene	14.325	152	8045	0.116	ng/ul	97
11) Acenaphthene	14.667	153	3592	0.064	ng/ul	98
12) Fluorene	15.653	166	3819	0.059	ng/ul#	99
15) Phenanthrene	17.393	178	112017	1.129	ng/ul	99
16) Anthracene	17.482	178	19487	0.221	ng/ul	97
19) Fluoranthene	19.410	202	220129	2.439	ng/ul	97
20) Pyrene	19.772	202	175734	1.872	ng/ul	96
21) Benzo(a)anthracene	21.526	228	73510	1.055	ng/ul	98
22) Chrysene	21.578	228	87087	1.201	ng/ul	97
24) Benzo(b)fluoranthene	23.247	252	169607	2.447	ng/ul	93
26) Benzo(a)pyrene	23.888	252	76856	1.277	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.557	276	64843	0.986	ng/ul#	82
28) Dibenzo(a,h)anthracene	26.571	278	14888	0.299	ng/ul#	87
29) Benzo(g,h,i)perylene	27.356	276	56335	0.963	ng/ul	97

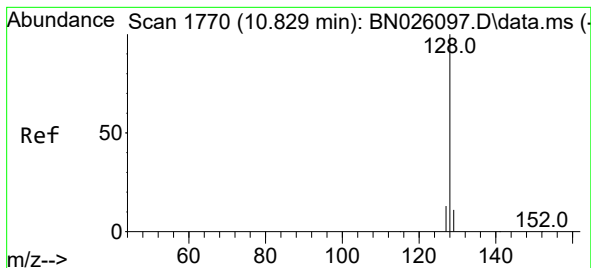
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.070 ng/ul

RT: 10.825 min Scan# 1770

Delta R.T. -0.011 min

Lab File: BN026134.D

Acq: 30 Jun 2023 17:42

Instrument :

BNA_N

ClientSampleId :

DCFV4DL

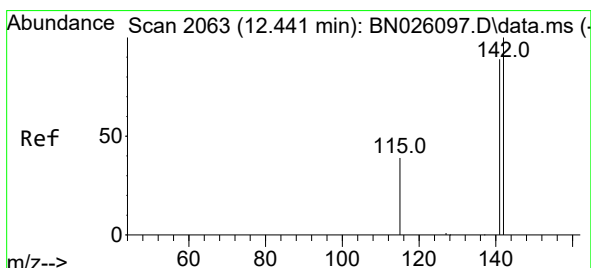
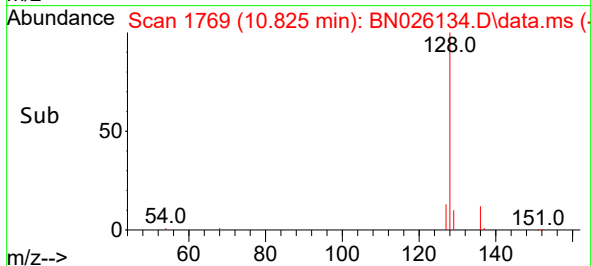
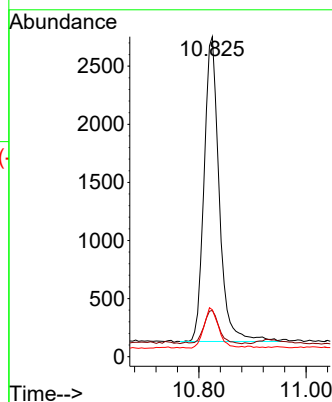
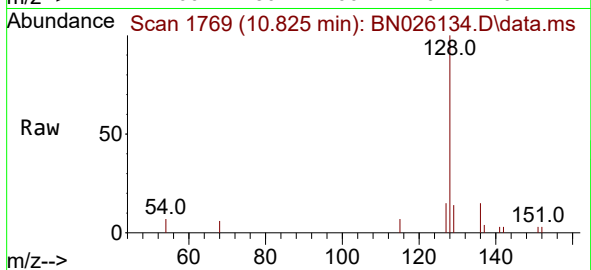
Tgt Ion:128 Resp: 5144

Ion Ratio Lower Upper

128 100

129 14.5 9.1 13.7#

127 14.6 10.7 16.1



#7

2-Methylnaphthalene

Concen: 0.052 ng/ul

RT: 12.436 min Scan# 2062

Delta R.T. -0.011 min

Lab File: BN026134.D

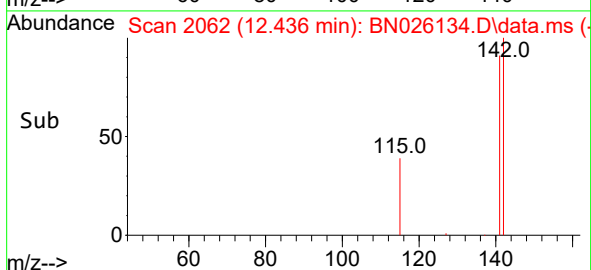
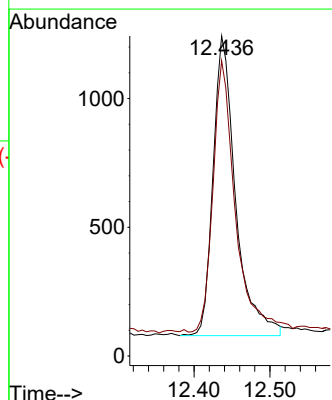
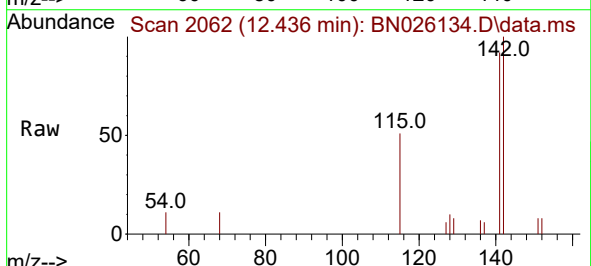
Acq: 30 Jun 2023 17:42

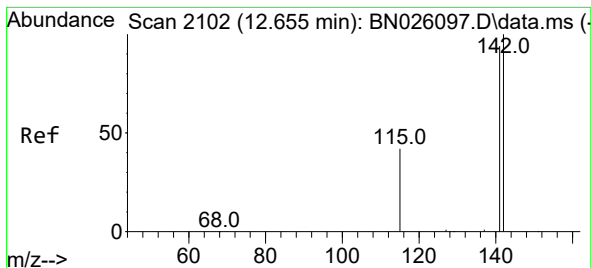
Tgt Ion:142 Resp: 2397

Ion Ratio Lower Upper

142 100

141 88.9 71.9 107.9





#8

1-Methylnaphthalene

Concen: 0.033 ng/ul

RT: 12.656 min Scan# 2102

Delta R.T. -0.005 min

Lab File: BN026134.D

Acq: 30 Jun 2023 17:42

Instrument :

BNA_N

ClientSampleId :

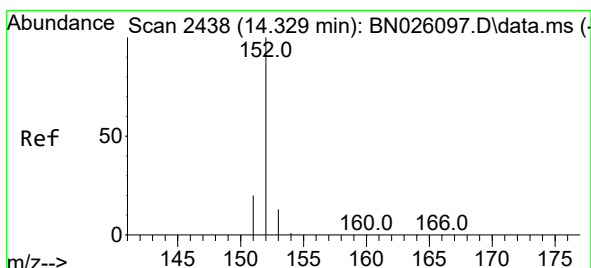
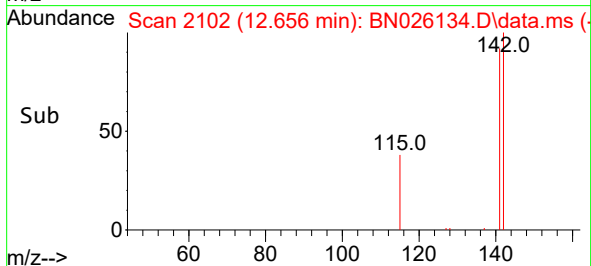
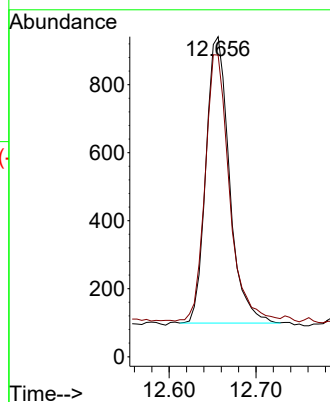
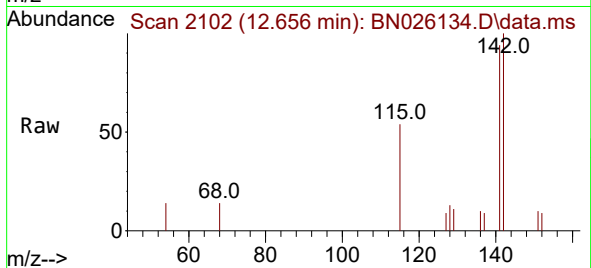
DCFV4DL

Tgt Ion:142 Resp: 1580

Ion Ratio Lower Upper

142 100

141 96.0 74.2 111.4



#10

Acenaphthylene

Concen: 0.116 ng/ul

RT: 14.325 min Scan# 2437

Delta R.T. -0.005 min

Lab File: BN026134.D

Acq: 30 Jun 2023 17:42

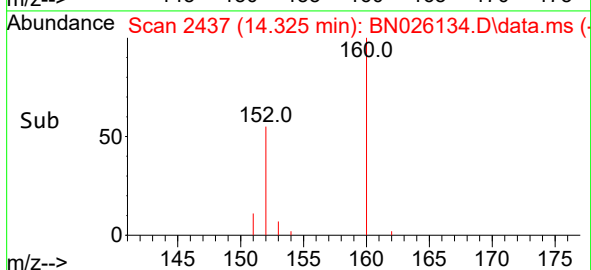
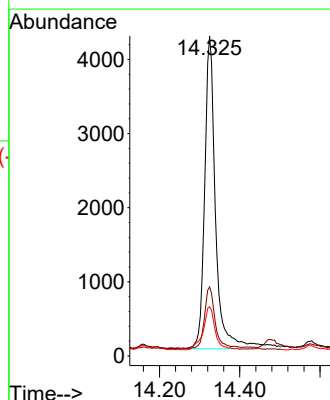
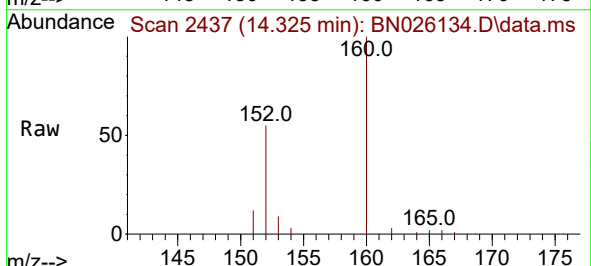
Tgt Ion:152 Resp: 8045

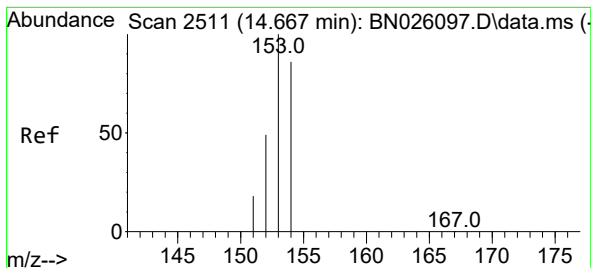
Ion Ratio Lower Upper

152 100

151 21.6 16.2 24.4

153 15.4 10.9 16.3





#11

Acenaphthene

Concen: 0.064 ng/ul

RT: 14.667 min Scan# 2511

Delta R.T. -0.005 min

Lab File: BN026134.D

Acq: 30 Jun 2023 17:42

Instrument :

BNA_N

ClientSampleId :

DCFV4DL

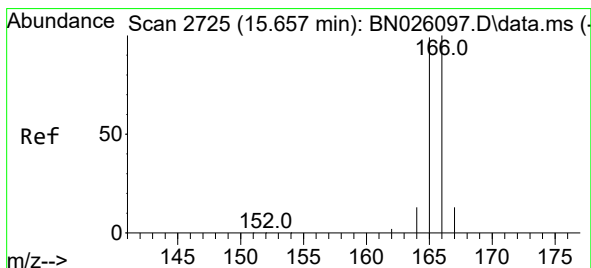
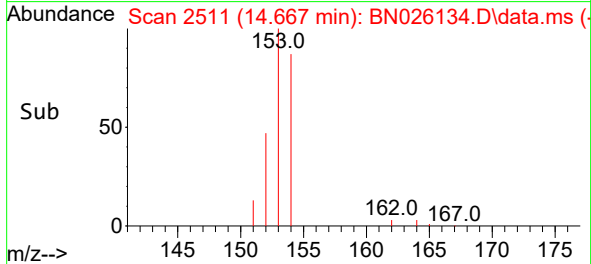
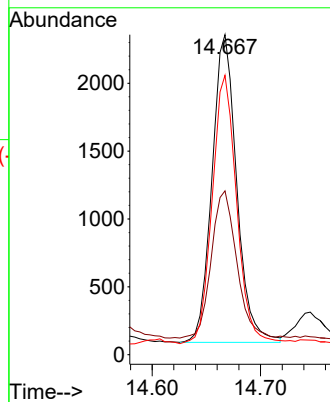
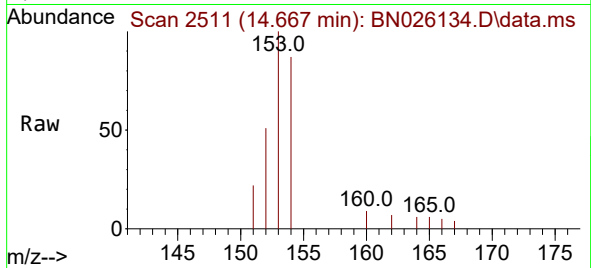
Tgt Ion:153 Resp: 3592

Ion Ratio Lower Upper

153 100

152 51.2 39.4 59.0

154 87.3 68.9 103.3



#12

Fluorene

Concen: 0.059 ng/ul

RT: 15.653 min Scan# 2724

Delta R.T. -0.009 min

Lab File: BN026134.D

Acq: 30 Jun 2023 17:42

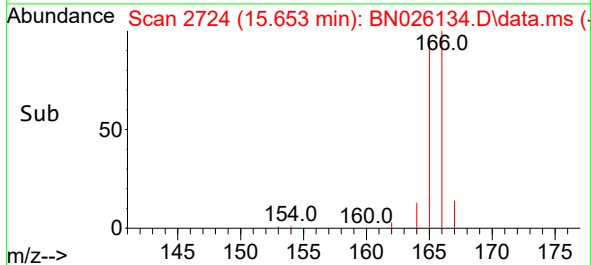
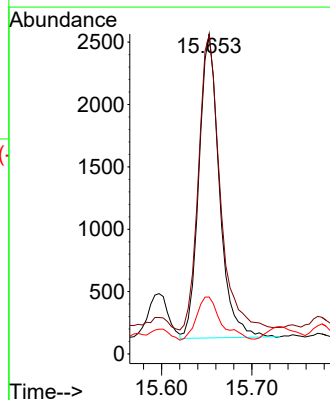
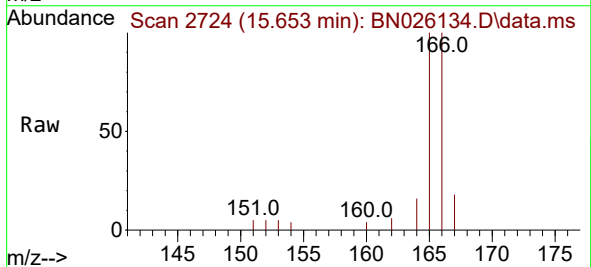
Tgt Ion:166 Resp: 3819

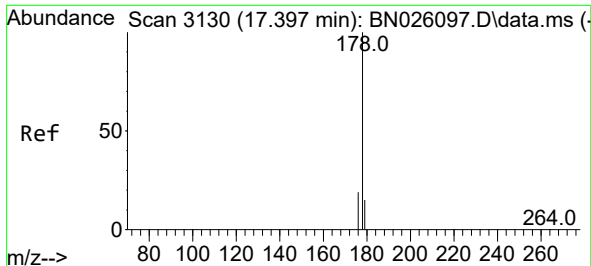
Ion Ratio Lower Upper

166 100

165 99.6 79.9 119.9

167 17.8 10.8 16.2#

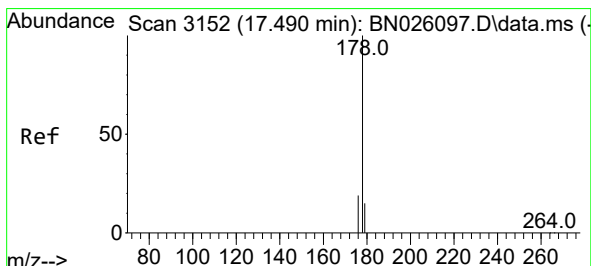
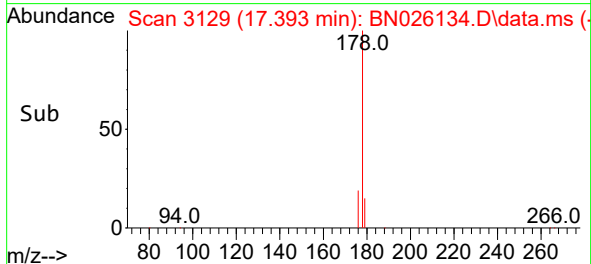
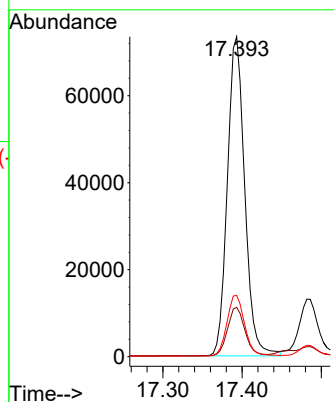
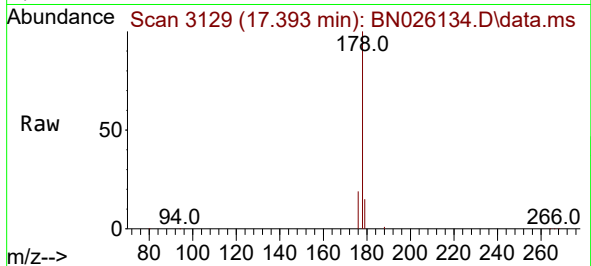




#15
Phenanthrene
Concen: 1.129 ng/ul
RT: 17.393 min Scan# 3129
Delta R.T. -0.008 min
Lab File: BN026134.D
Acq: 30 Jun 2023 17:42

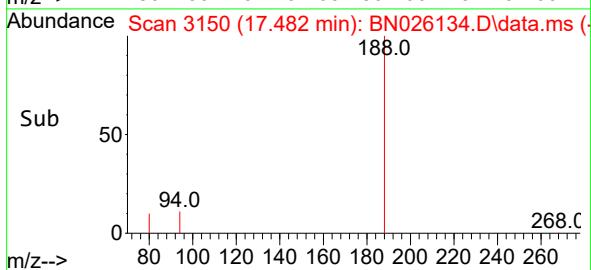
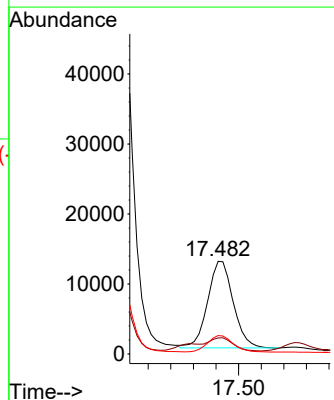
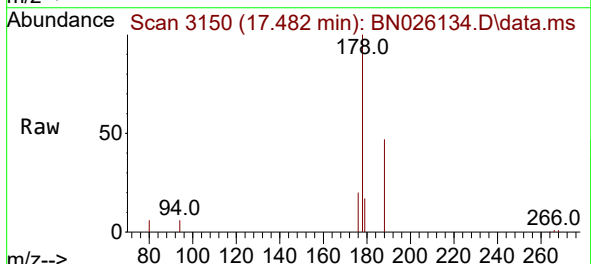
Instrument :
BNA_N
ClientSampleId :
DCFV4DL

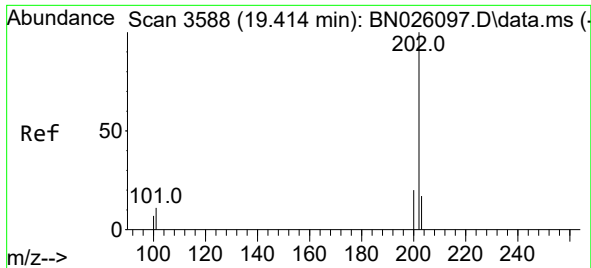
Tgt Ion:178 Resp: 112017
Ion Ratio Lower Upper
178 100
179 15.4 12.6 19.0
176 19.1 15.8 23.6



#16
Anthracene
Concen: 0.221 ng/ul
RT: 17.482 min Scan# 3150
Delta R.T. -0.013 min
Lab File: BN026134.D
Acq: 30 Jun 2023 17:42

Tgt Ion:178 Resp: 19487
Ion Ratio Lower Upper
178 100
179 17.2 12.6 18.8
176 19.8 15.1 22.7

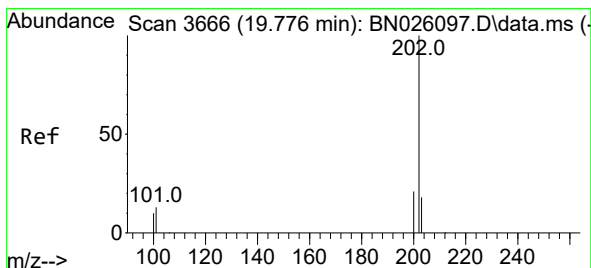
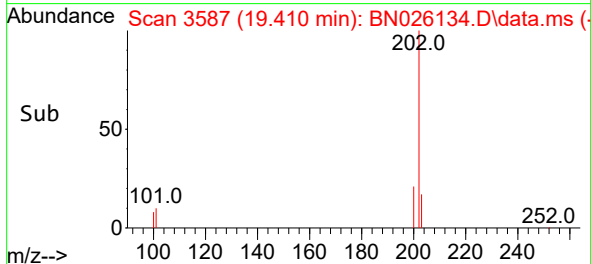
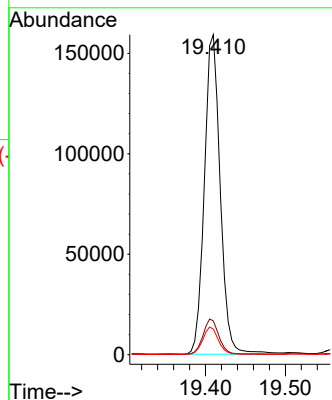
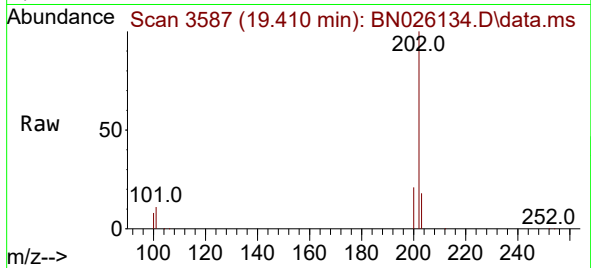




#19
Fluoranthene
Concen: 2.439 ng/ul
RT: 19.410 min Scan# 3587
Delta R.T. -0.005 min
Lab File: BN026134.D
Acq: 30 Jun 2023 17:42

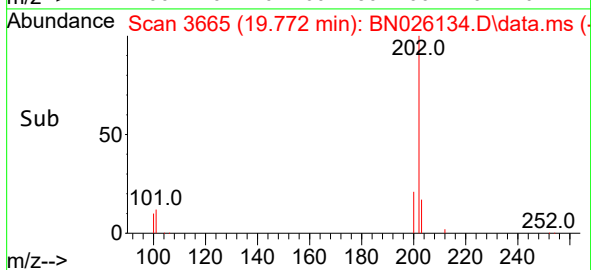
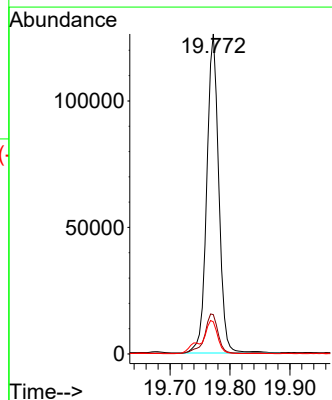
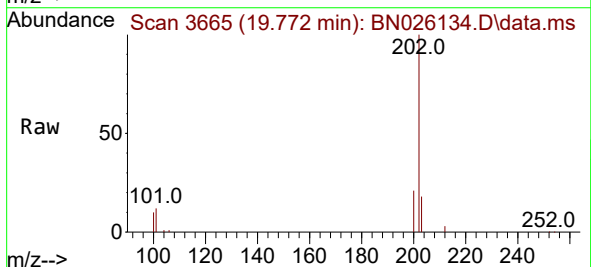
Instrument :
BNA_N
ClientSampleId :
DCFV4DL

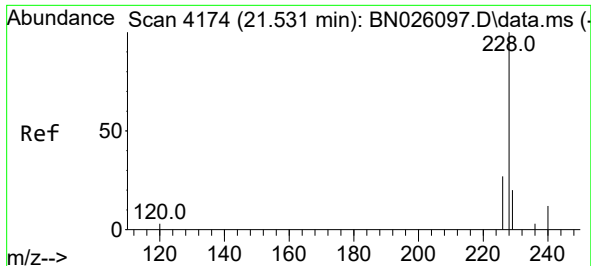
Tgt Ion:202 Resp: 220129
Ion Ratio Lower Upper
202 100
101 10.6 9.5 14.3
100 8.0 7.3 10.9



#20
Pyrene
Concen: 1.872 ng/ul
RT: 19.772 min Scan# 3665
Delta R.T. -0.005 min
Lab File: BN026134.D
Acq: 30 Jun 2023 17:42

Tgt Ion:202 Resp: 175734
Ion Ratio Lower Upper
202 100
101 12.3 11.4 17.0
100 10.1 9.1 13.7

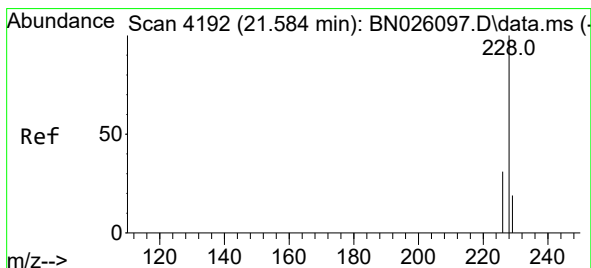
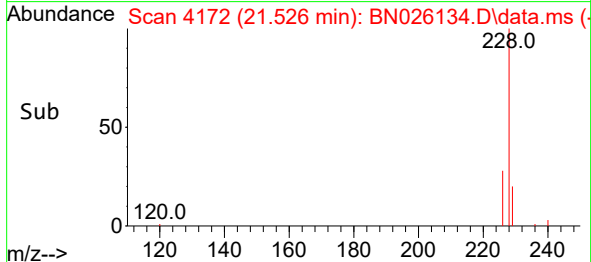
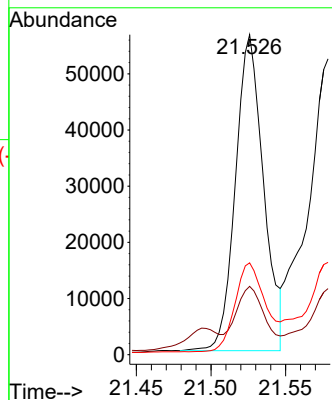
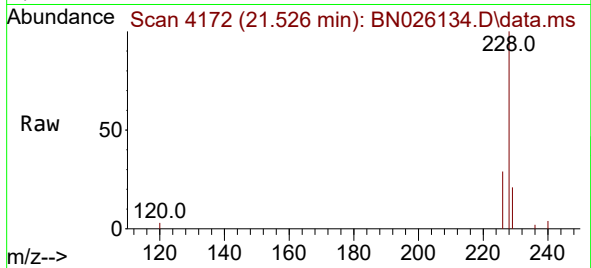




#21
Benzo(a)anthracene
Concen: 1.055 ng/ul
RT: 21.526 min Scan# 4172
Delta R.T. -0.003 min
Lab File: BN026134.D
Acq: 30 Jun 2023 17:42

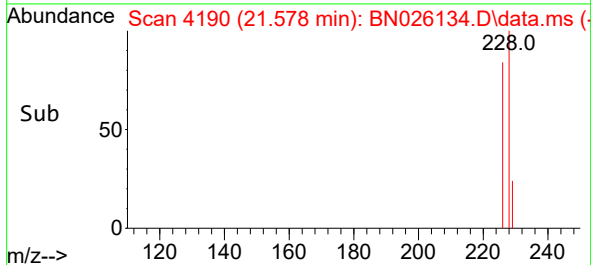
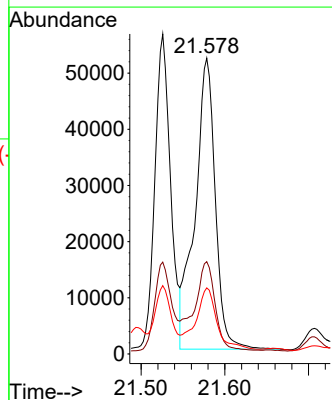
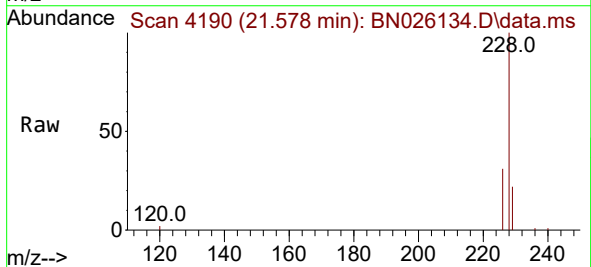
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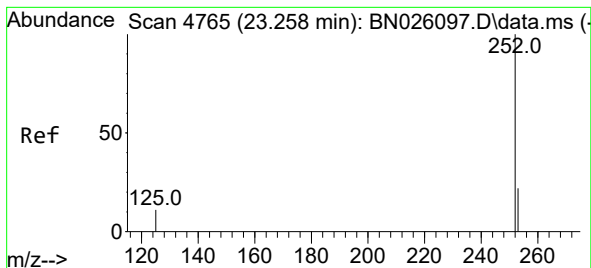
Tgt Ion:228 Resp: 73510
Ion Ratio Lower Upper
228 100
229 21.3 15.8 23.6
226 28.7 22.5 33.7



#22
Chrysene
Concen: 1.201 ng/ul
RT: 21.578 min Scan# 4190
Delta R.T. 0.000 min
Lab File: BN026134.D
Acq: 30 Jun 2023 17:42

Tgt Ion:228 Resp: 87087
Ion Ratio Lower Upper
228 100
226 31.2 24.8 37.2
229 22.3 15.7 23.5





#24

Benzo(b)fluoranthene

Concen: 2.447 ng/ul

RT: 23.247 min Scan# 41

Delta R.T. -0.006 min

Lab File: BN026134.D

Acq: 30 Jun 2023 17:42

Instrument :

BNA_N

ClientSampleId :

DCFV4DL

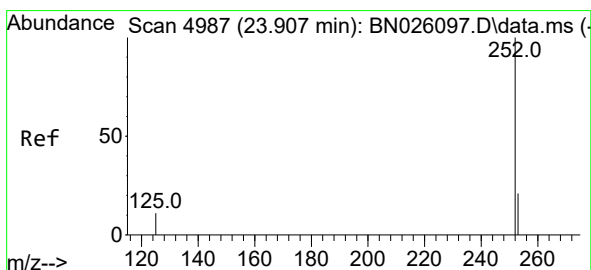
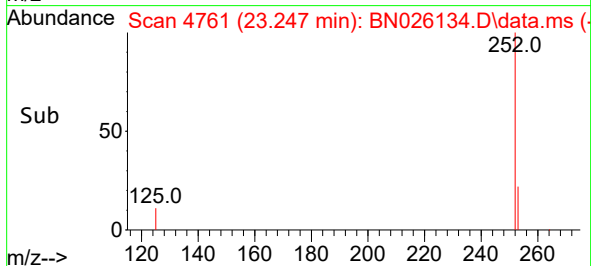
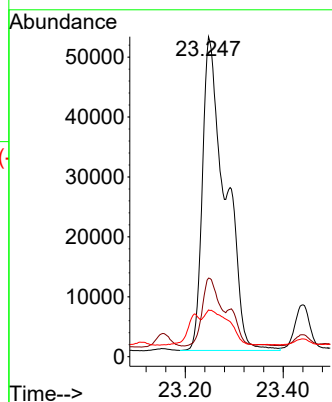
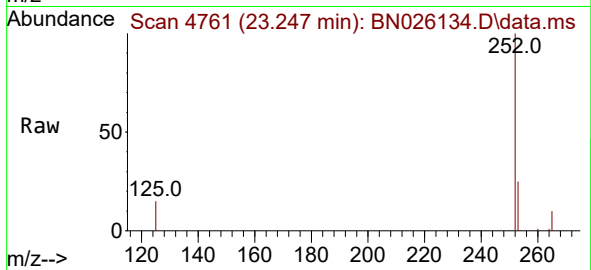
Tgt Ion:252 Resp: 169607

Ion Ratio Lower Upper

252 100

253 24.6 0.0 55.6

125 14.6 0.0 35.8



#26

Benzo(a)pyrene

Concen: 1.277 ng/ul

RT: 23.888 min Scan# 4980

Delta R.T. -0.018 min

Lab File: BN026134.D

Acq: 30 Jun 2023 17:42

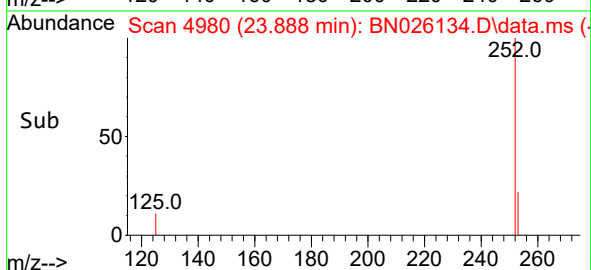
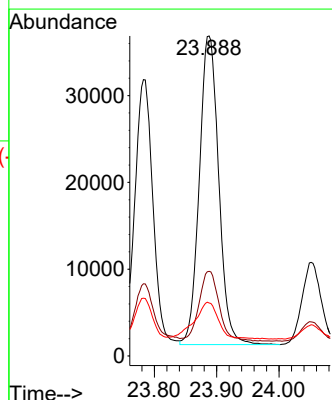
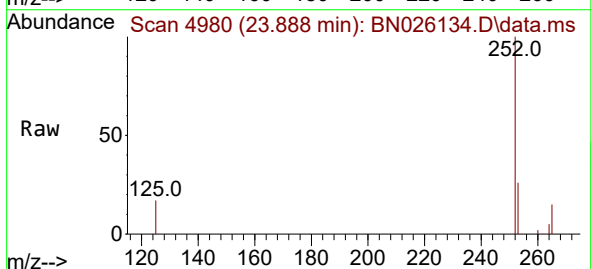
Tgt Ion:252 Resp: 76856

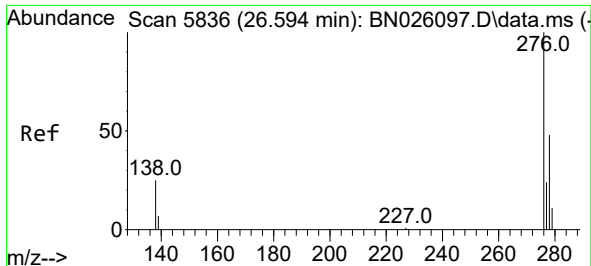
Ion Ratio Lower Upper

252 100

253 26.5 26.0 39.0

125 16.6 17.3 25.9#

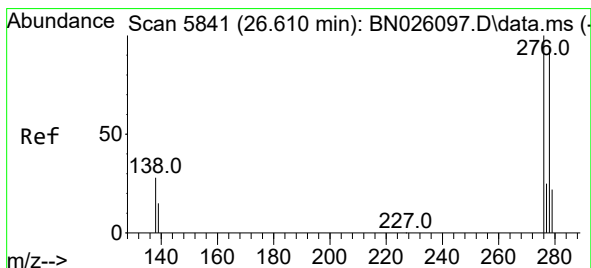
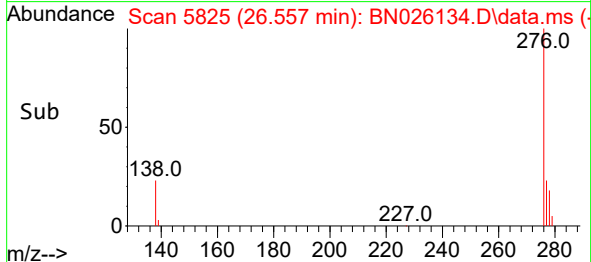
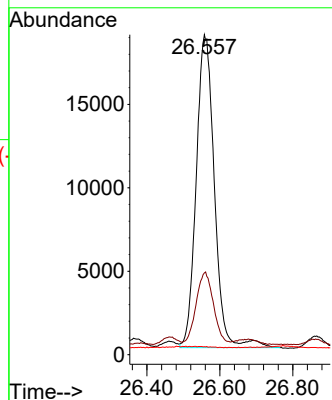
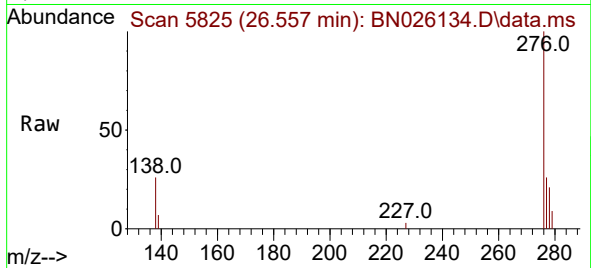




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.986 ng/ul
 RT: 26.557 min Scan# 5825
 Delta R.T. -0.037 min
 Lab File: BN026134.D
 Acq: 30 Jun 2023 17:42

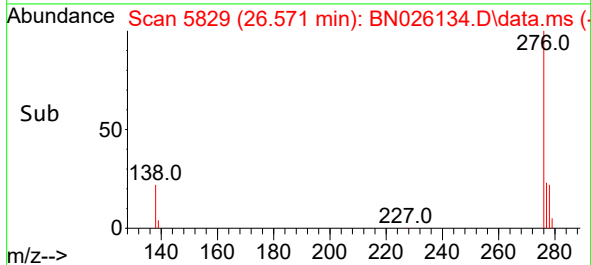
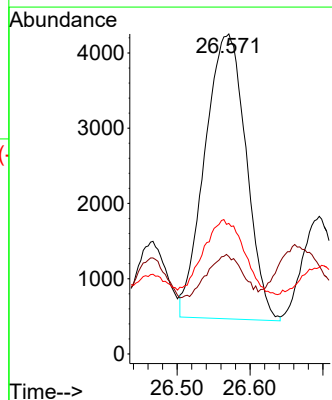
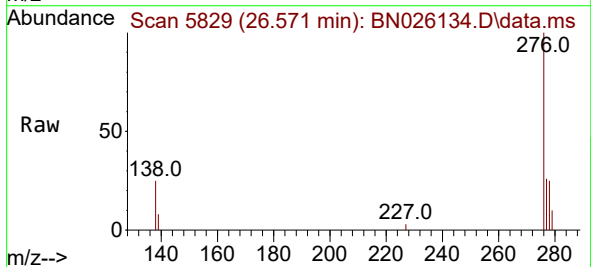
Instrument :
 BNA_N
 ClientSampleId :
 DCFV4DL

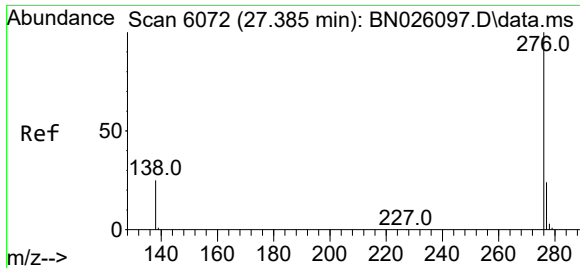
Tgt Ion:276 Resp: 64843
 Ion Ratio Lower Upper
 276 100
 138 21.0 24.5 36.7#
 227 0.0 0.0 0.0



#28
 Dibenzo(a,h)anthracene
 Concen: 0.299 ng/ul
 RT: 26.571 min Scan# 5829
 Delta R.T. -0.044 min
 Lab File: BN026134.D
 Acq: 30 Jun 2023 17:42

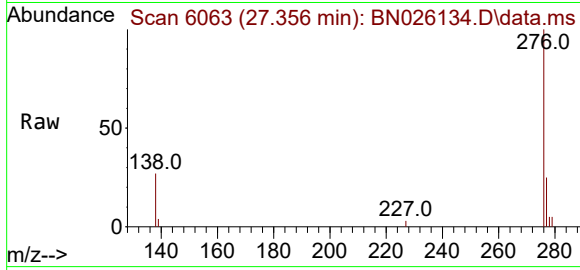
Tgt Ion:278 Resp: 14888
 Ion Ratio Lower Upper
 278 100
 139 30.5 19.0 28.4#
 279 40.8 26.7 40.1#





#29
Benzo(g,h,i)perylene
Concen: 0.963 ng/ul
RT: 27.356 min Scan# 6063
Delta R.T. -0.030 min
Lab File: BN026134.D
Acq: 30 Jun 2023 17:42

Instrument :
BNA_N
ClientSampleId :
DCFV4DL



Tgt Ion:276 Resp: 56335
Ion Ratio Lower Upper
276 100
138 26.5 23.4 35.0
277 25.4 20.0 30.0

