

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062423\
 Data File : BN026013.D
 Acq On : 24 Jun 2023 19:51
 Operator : MA/JU
 Sample : 03085-14DL 5X
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFQ0DL

Quant Time: Jun 24 23:50:59 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)

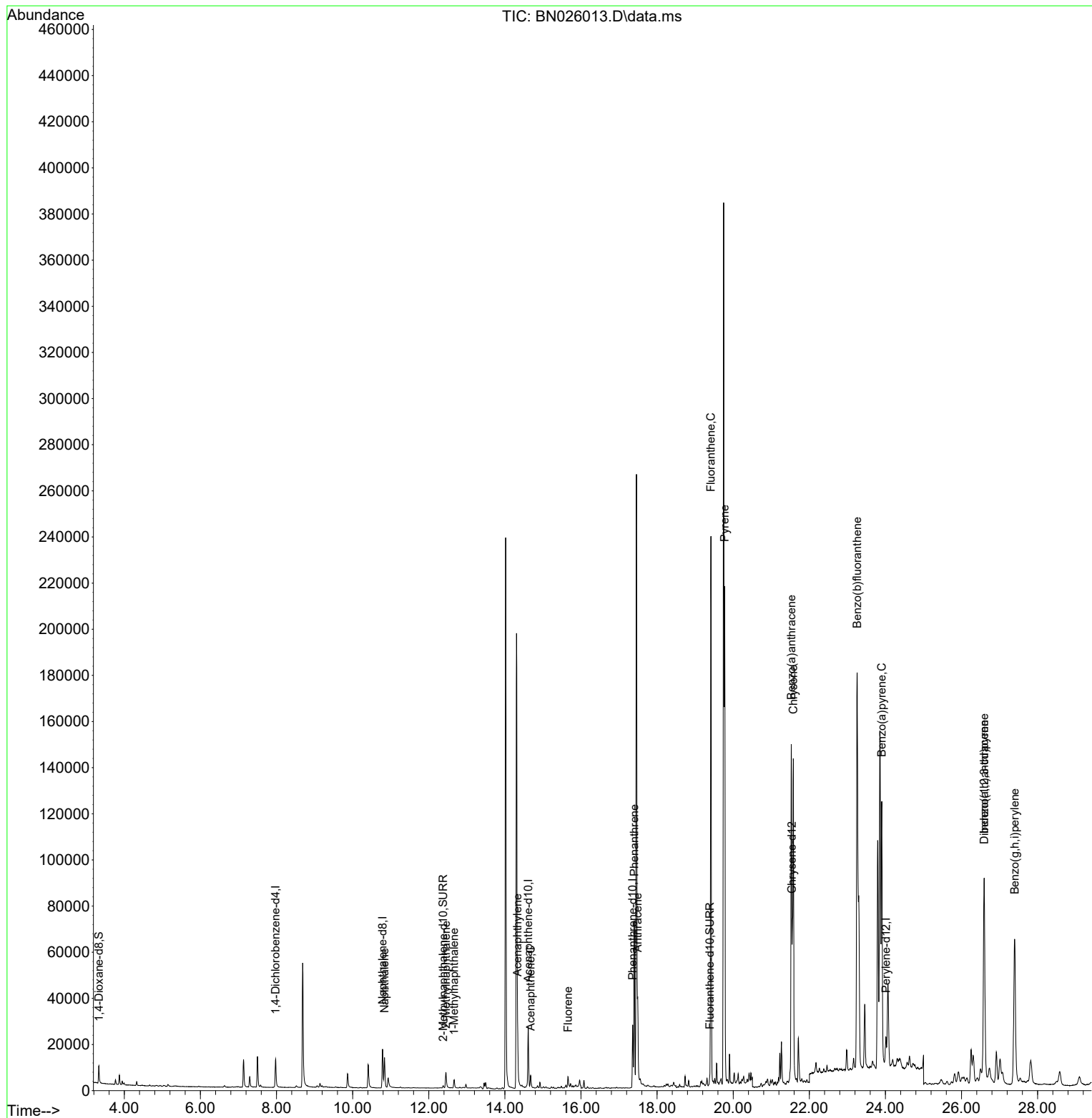
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.976	152	7679	0.400	ng/ul	0.00
4) Naphthalene-d8	10.787	136	25064	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.612	164	15338	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.359	188	33070	0.400	ng/ul	0.00
17) Chrysene-d12	21.543	240	20708	0.400	ng/ul	0.00
23) Perylene-d12	24.013	264	16527	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.331	96	5287	0.611	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.376	152	1685	0.044	ng/ul	0.00
18) Fluoranthene-d10	19.387	212	4051	0.051	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.836	128	19611	0.273	ng/ul	99
7) 2-Methylnaphthalene	12.453	142	6048	0.132	ng/ul	99
8) 1-Methylnaphthalene	12.667	142	2835	0.060	ng/ul	99
10) Acenaphthylene	14.334	152	25272	0.352	ng/ul	100
11) Acenaphthene	14.676	153	3055	0.052	ng/ul	96
12) Fluorene	15.657	166	3662	0.054	ng/ul#	98
15) Phenanthrene	17.402	178	80218	0.734	ng/ul	100
16) Anthracene	17.490	178	36185	0.373	ng/ul	99
19) Fluoranthene	19.414	202	209580	1.895	ng/ul	98
20) Pyrene	19.777	202	179144	1.557	ng/ul	96
21) Benzo(a)anthracene	21.526	228	124052	1.452	ng/ul	97
22) Chrysene	21.578	228	171814	1.933	ng/ul	99
24) Benzo(b)fluoranthene	23.256	252	395749	5.610	ng/ul	90
26) Benzo(a)pyrene	23.902	252	167142	2.728	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.594	276	138023	2.063	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.598	278	34013	0.672	ng/ul	96
29) Benzo(g,h,i)perylene	27.396	276	136537	2.294	ng/ul	95

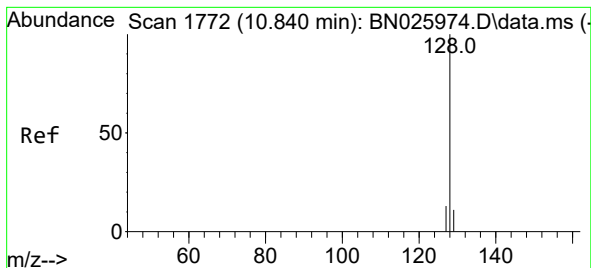
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.273 ng/ul

RT: 10.836 min Scan# 1771

Delta R.T. -0.011 min

Lab File: BN026013.D

Acq: 24 Jun 2023 19:51

Instrument :

BNA_N

ClientSampleId :

DCFQ0DL

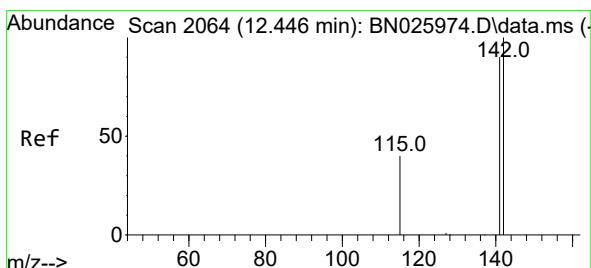
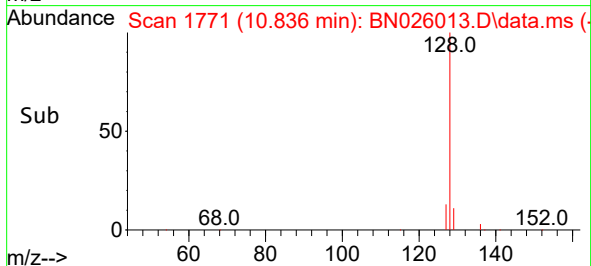
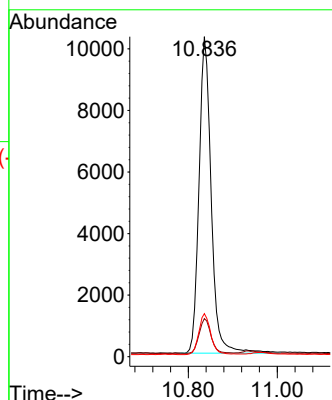
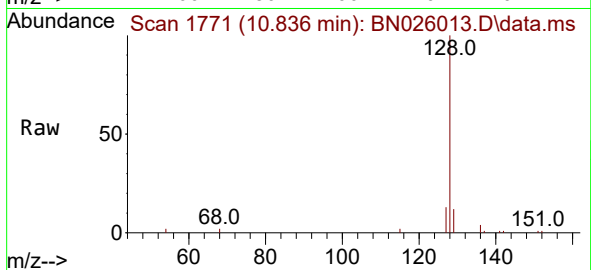
Tgt Ion:128 Resp: 19611

Ion Ratio Lower Upper

128 100

129 11.9 9.1 13.7

127 13.5 10.7 16.1



#7

2-Methylnaphthalene

Concen: 0.132 ng/ul

RT: 12.453 min Scan# 2065

Delta R.T. -0.000 min

Lab File: BN026013.D

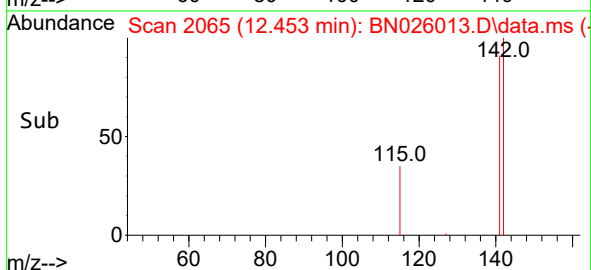
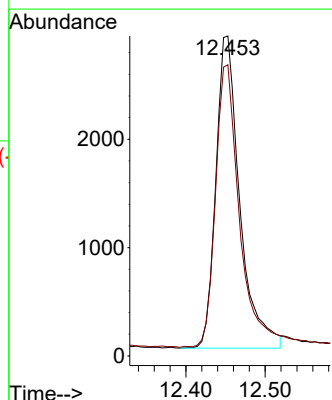
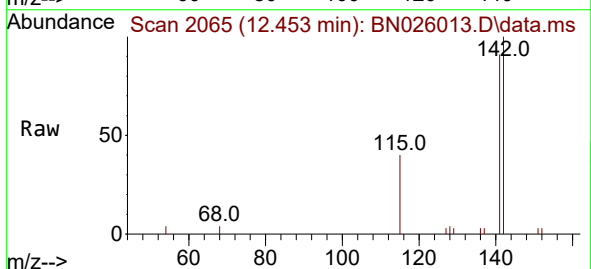
Acq: 24 Jun 2023 19:51

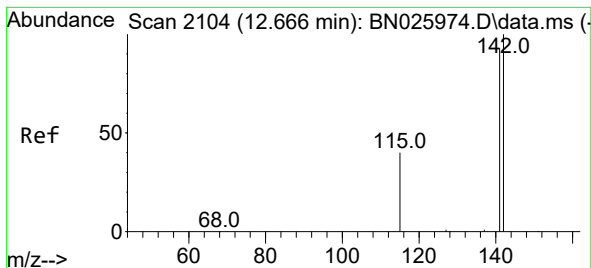
Tgt Ion:142 Resp: 6048

Ion Ratio Lower Upper

142 100

141 90.4 71.9 107.9





#8

1-Methylnaphthalene

Concen: 0.060 ng/ul

RT: 12.667 min Scan# 2104

Delta R.T. -0.006 min

Lab File: BN026013.D

Acq: 24 Jun 2023 19:51

Instrument :

BNA_N

ClientSampleId :

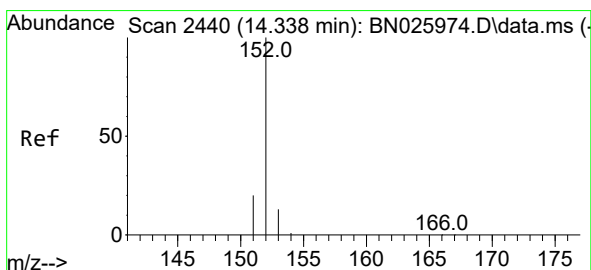
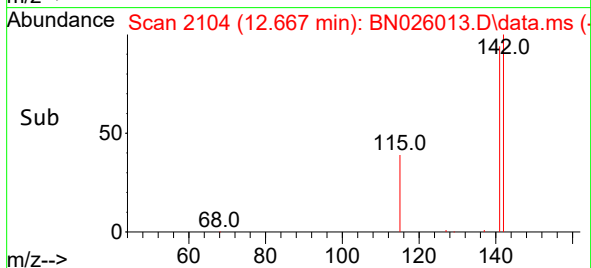
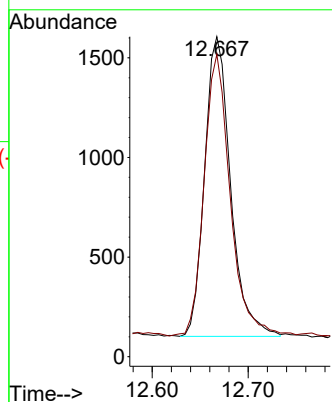
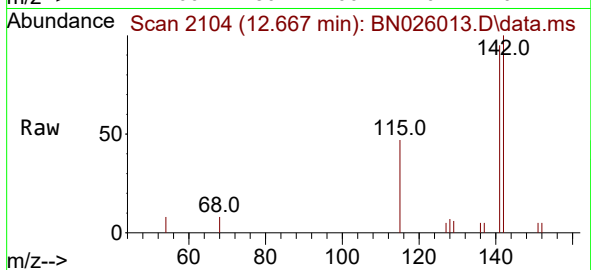
DCFQ0DL

Tgt Ion:142 Resp: 2835

Ion Ratio Lower Upper

142 100

141 93.9 74.2 111.4



#10

Acenaphthylene

Concen: 0.352 ng/ul

RT: 14.334 min Scan# 2439

Delta R.T. -0.009 min

Lab File: BN026013.D

Acq: 24 Jun 2023 19:51

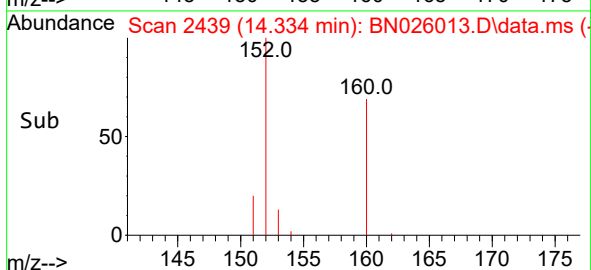
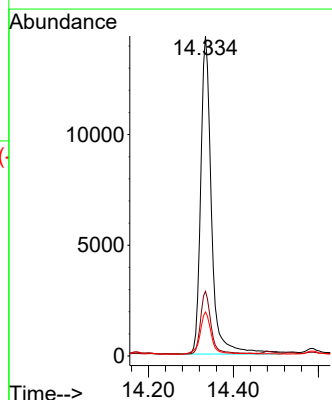
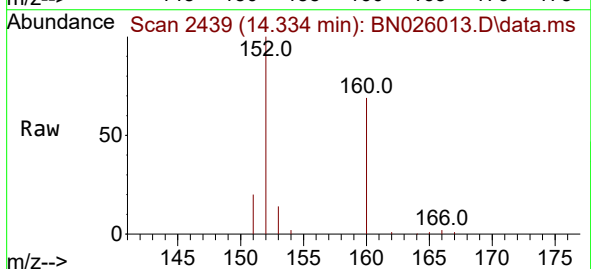
Tgt Ion:152 Resp: 25272

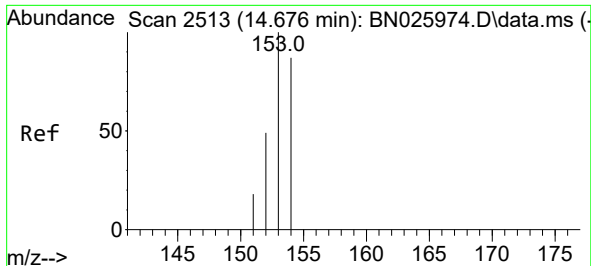
Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.4

153 13.8 10.9 16.3

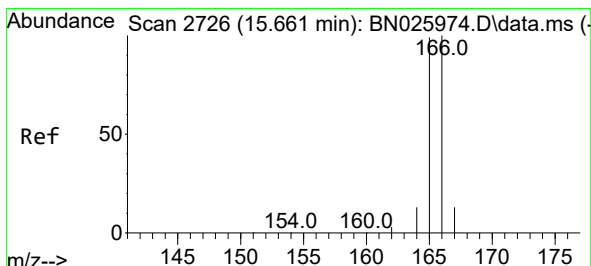
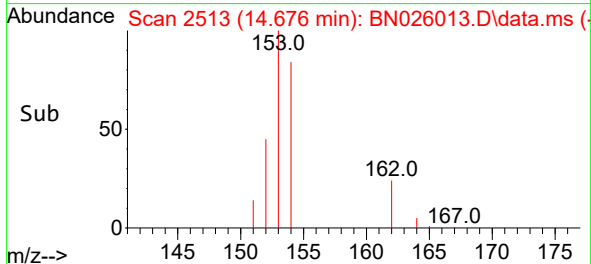
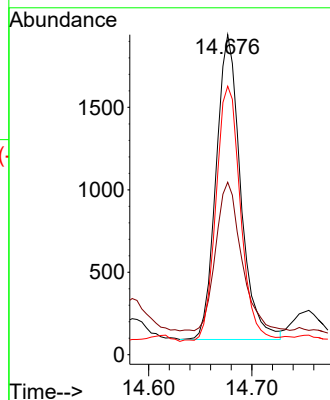
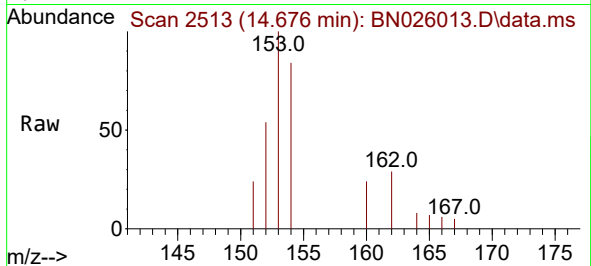




#11
Acenaphthene
Concen: 0.052 ng/ul
RT: 14.676 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN026013.D
Acq: 24 Jun 2023 19:51

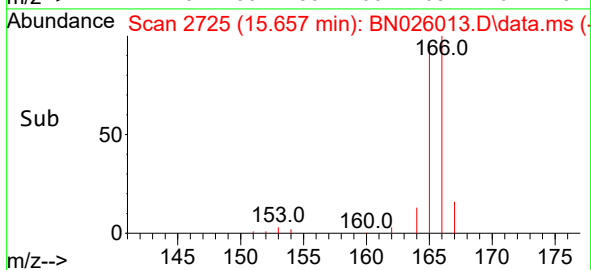
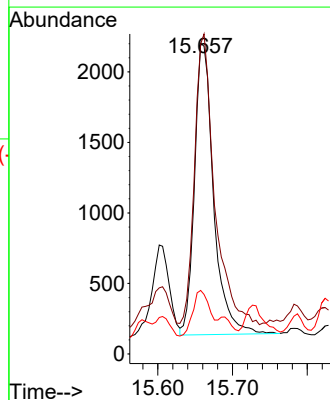
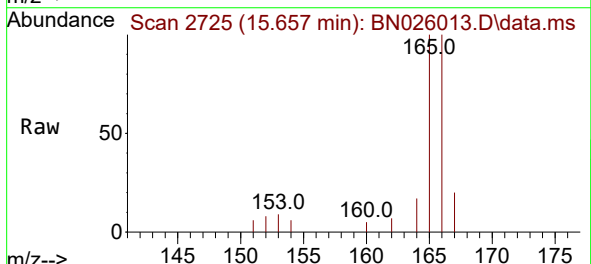
Instrument :
BNA_N
ClientSampleId :
DCFQ0DL

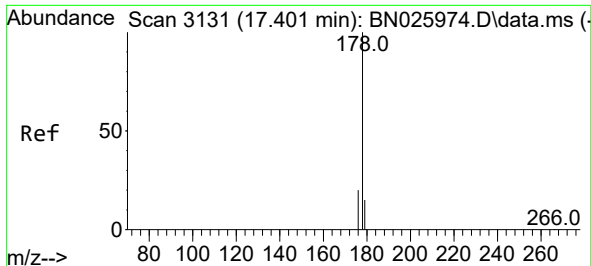
Tgt Ion:153 Resp: 3055
Ion Ratio Lower Upper
153 100
152 53.9 39.4 59.0
154 83.9 68.9 103.3



#12
Fluorene
Concen: 0.054 ng/ul
RT: 15.657 min Scan# 2725
Delta R.T. -0.009 min
Lab File: BN026013.D
Acq: 24 Jun 2023 19:51

Tgt Ion:166 Resp: 3662
Ion Ratio Lower Upper
166 100
165 99.8 79.9 119.9
167 20.5 10.8 16.2#

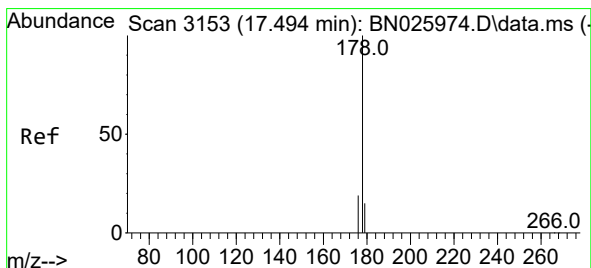
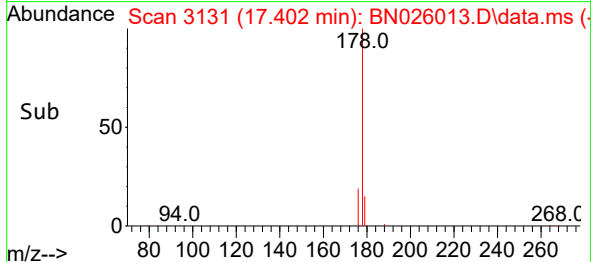
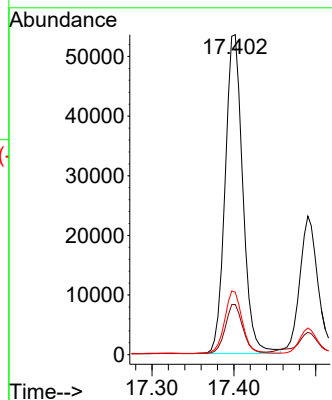
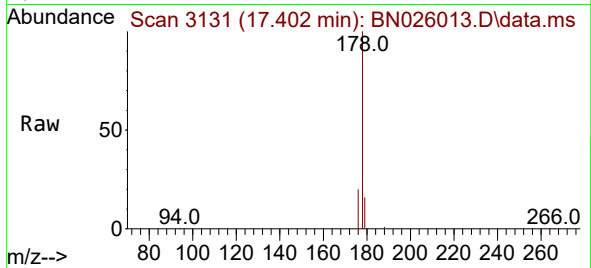




#15
Phenanthrene
Concen: 0.734 ng/ul
RT: 17.402 min Scan# 3131
Delta R.T. -0.004 min
Lab File: BN026013.D
Acq: 24 Jun 2023 19:51

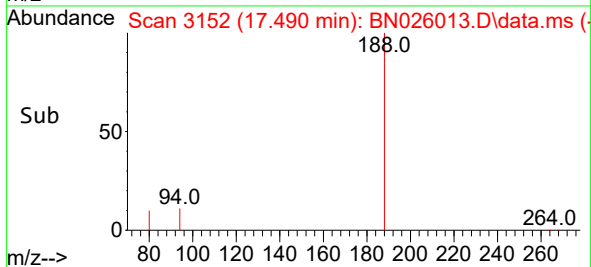
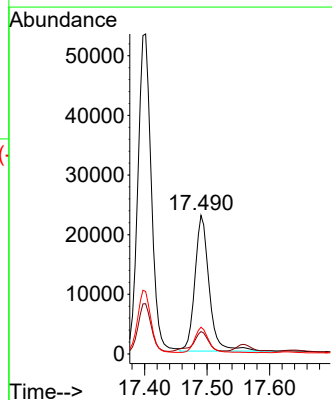
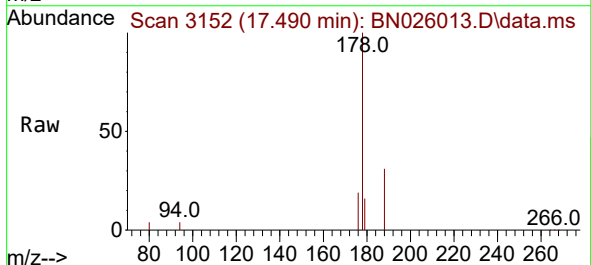
Instrument :
BNA_N
ClientSampleId :
DCFQ0DL

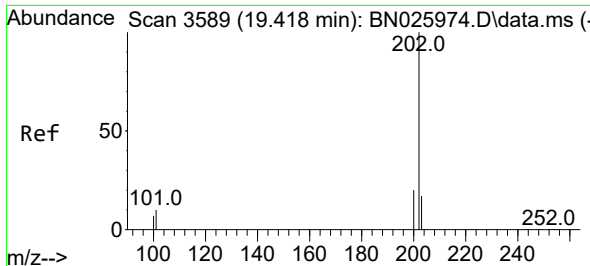
Tgt Ion:178 Resp: 80218
Ion Ratio Lower Upper
178 100
179 15.7 12.6 19.0
176 19.5 15.8 23.6



#16
Anthracene
Concen: 0.373 ng/ul
RT: 17.490 min Scan# 3152
Delta R.T. -0.009 min
Lab File: BN026013.D
Acq: 24 Jun 2023 19:51

Tgt Ion:178 Resp: 36185
Ion Ratio Lower Upper
178 100
179 16.1 12.6 18.8
176 19.3 15.1 22.7

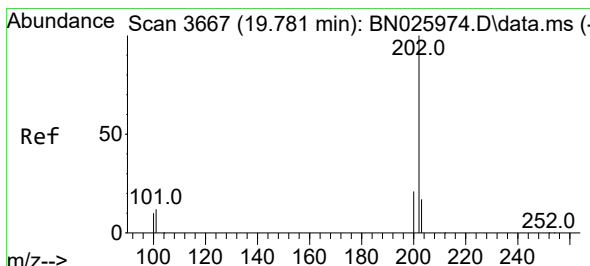
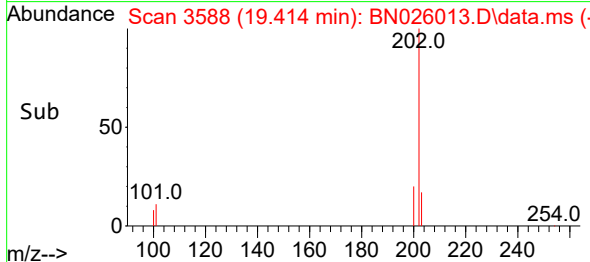
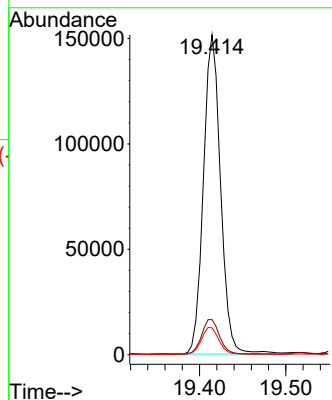
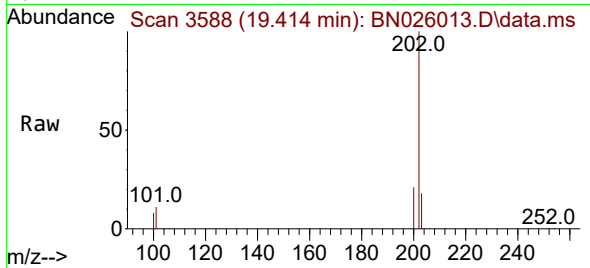




#19
Fluoranthene
Concen: 1.895 ng/ul
RT: 19.414 min Scan# 3588
Delta R.T. -0.005 min
Lab File: BN026013.D
Acq: 24 Jun 2023 19:51

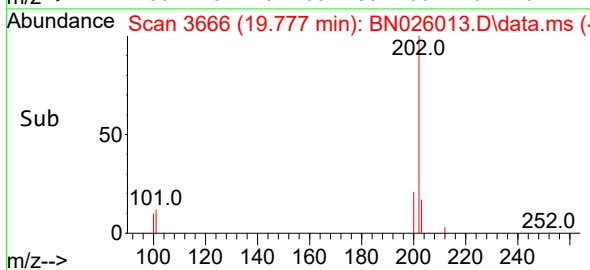
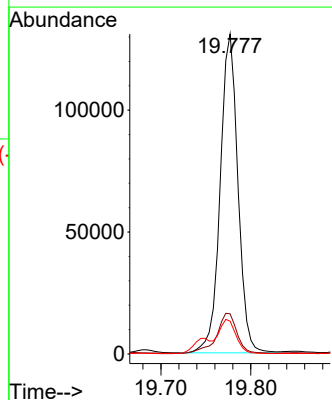
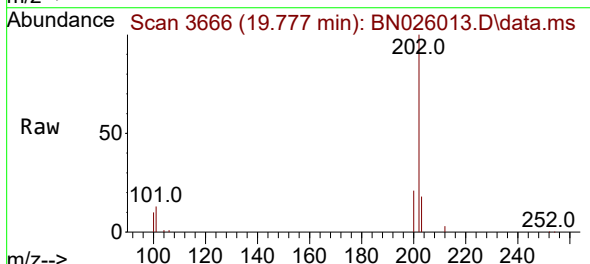
Instrument :
BNA_N
ClientSampleId :
DCFQ0DL

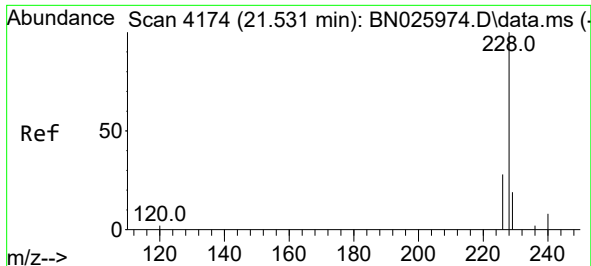
Tgt Ion:202 Resp: 209580
Ion Ratio Lower Upper
202 100
101 11.0 9.5 14.3
100 8.4 7.3 10.9



#20
Pyrene
Concen: 1.557 ng/ul
RT: 19.777 min Scan# 3666
Delta R.T. -0.005 min
Lab File: BN026013.D
Acq: 24 Jun 2023 19:51

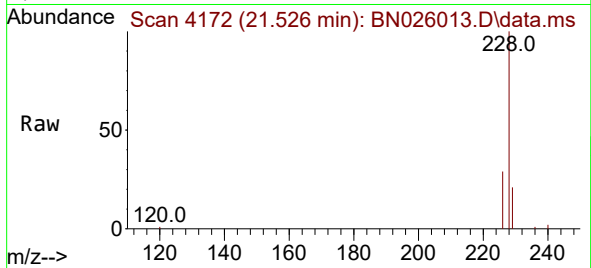
Tgt Ion:202 Resp: 179144
Ion Ratio Lower Upper
202 100
101 12.5 11.4 17.0
100 10.3 9.1 13.7



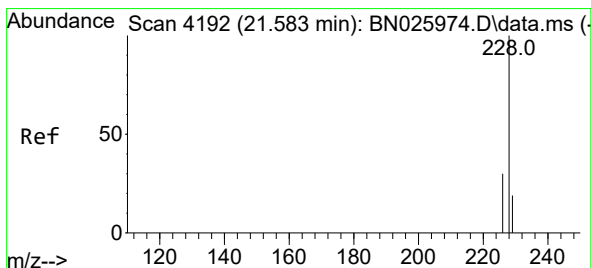
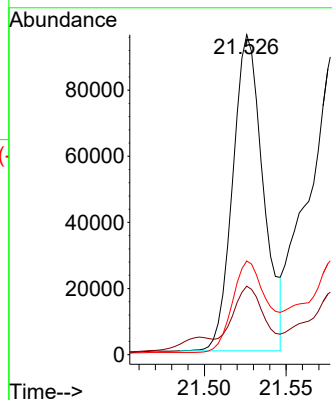


#21
Benzo(a)anthracene
Concen: 1.452 ng/ul
RT: 21.526 min Scan# 4172
Delta R.T. -0.006 min
Lab File: BN026013.D
Acq: 24 Jun 2023 19:51

Instrument :
BNA_N
ClientSampleId :
DCFQ0DL

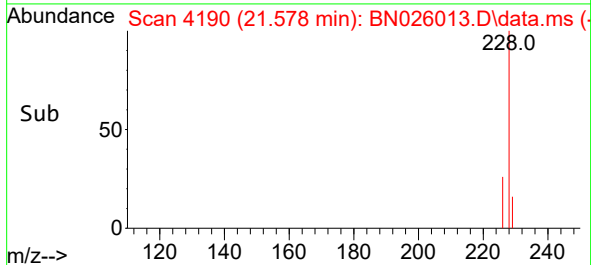
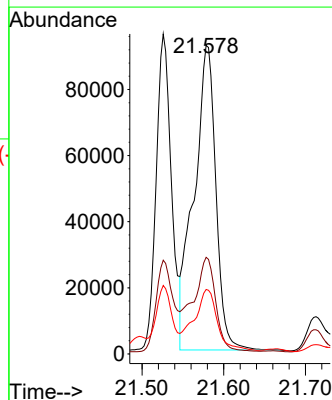
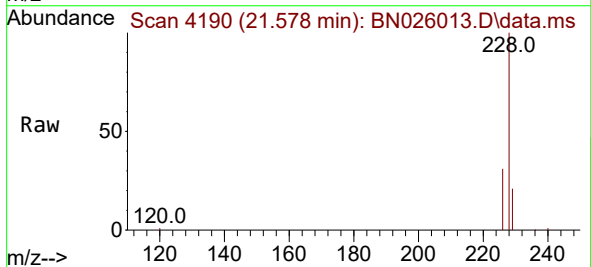


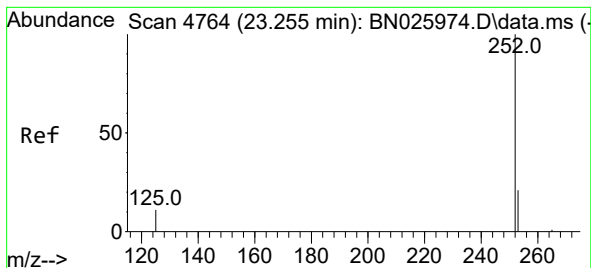
Tgt Ion:228 Resp: 124052
Ion Ratio Lower Upper
228 100
229 21.4 15.8 23.6
226 29.3 22.5 33.7



#22
Chrysene
Concen: 1.933 ng/ul
RT: 21.578 min Scan# 4190
Delta R.T. -0.006 min
Lab File: BN026013.D
Acq: 24 Jun 2023 19:51

Tgt Ion:228 Resp: 171814
Ion Ratio Lower Upper
228 100
226 31.3 24.8 37.2
229 20.9 15.7 23.5





#24

Benzo(b)fluoranthene

Concen: 5.610 ng/ul

RT: 23.256 min Scan# 41

Delta R.T. -0.000 min

Lab File: BN026013.D

Acq: 24 Jun 2023 19:51

Instrument :

BNA_N

ClientSampleId :

DCFQ0DL

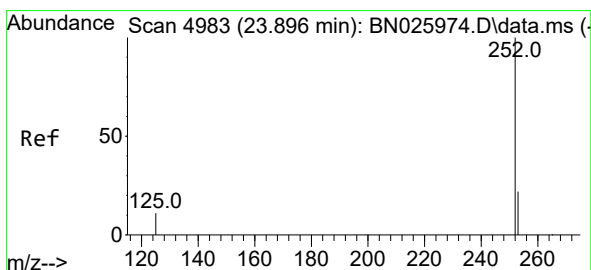
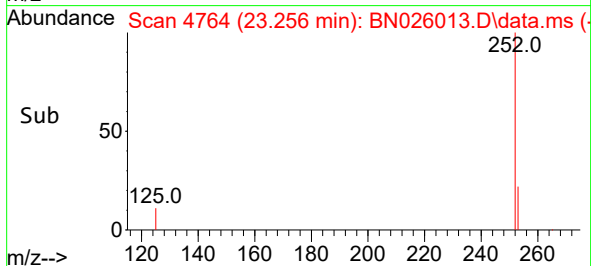
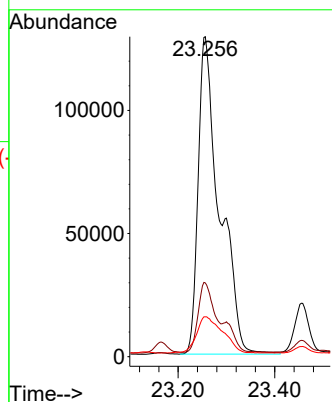
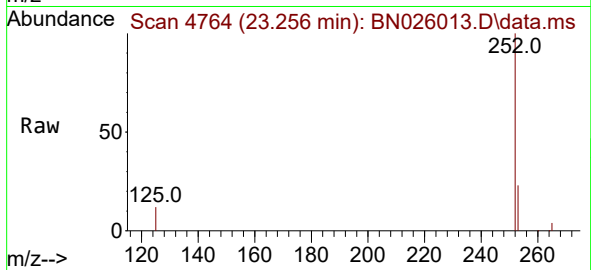
Tgt Ion:252 Resp: 395749

Ion Ratio Lower Upper

252 100

253 23.1 0.0 55.6

125 12.5 0.0 35.8



#26

Benzo(a)pyrene

Concen: 2.728 ng/ul

RT: 23.902 min Scan# 4985

Delta R.T. -0.006 min

Lab File: BN026013.D

Acq: 24 Jun 2023 19:51

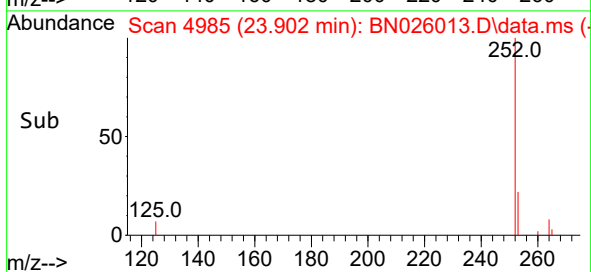
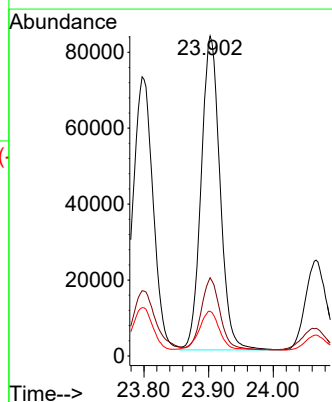
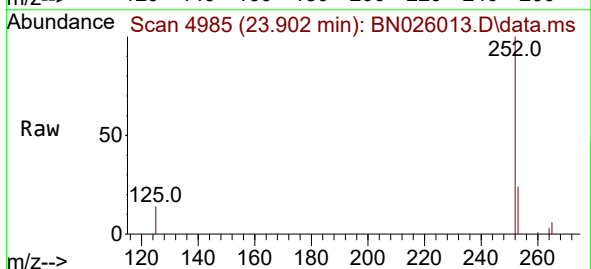
Tgt Ion:252 Resp: 167142

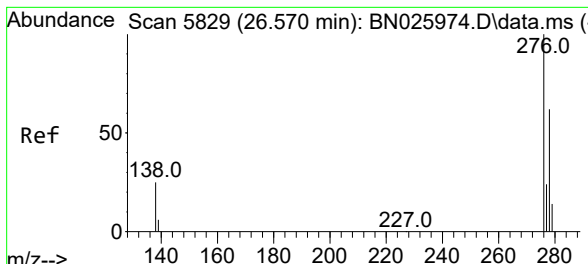
Ion Ratio Lower Upper

252 100

253 24.4 26.0 39.0#

125 14.0 17.3 25.9#

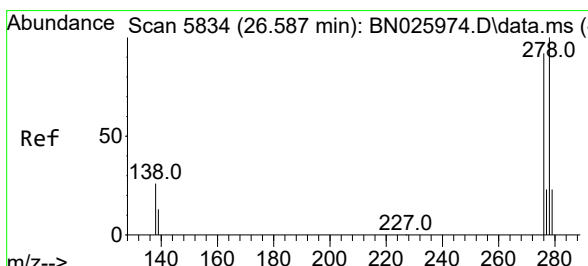
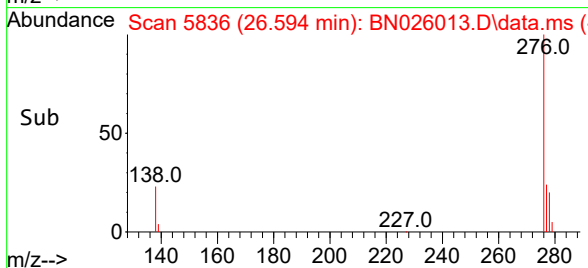
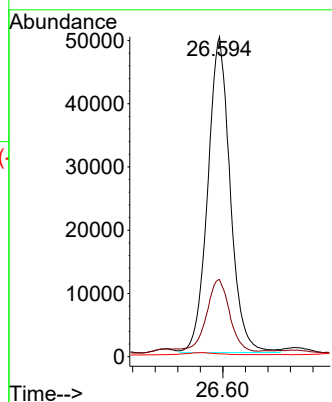
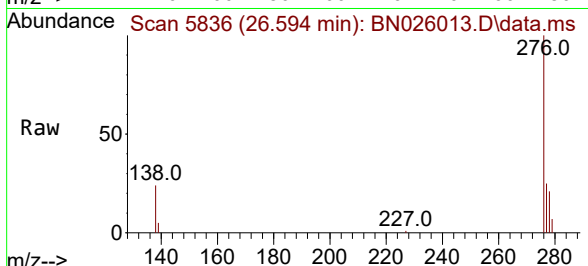




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 2.063 ng/ul
 RT: 26.594 min Scan# 5836
 Delta R.T. -0.000 min
 Lab File: BN026013.D
 Acq: 24 Jun 2023 19:51

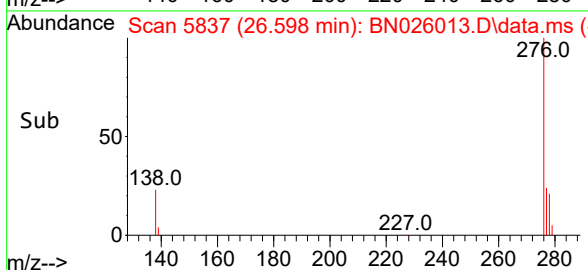
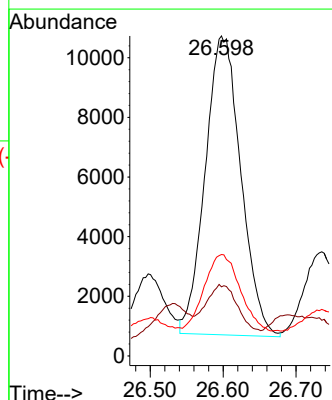
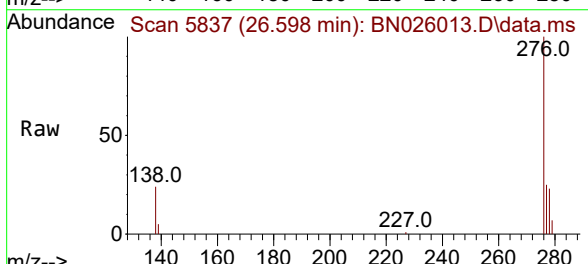
Instrument :
 BNA_N
 ClientSampleId :
 DCFQ0DL

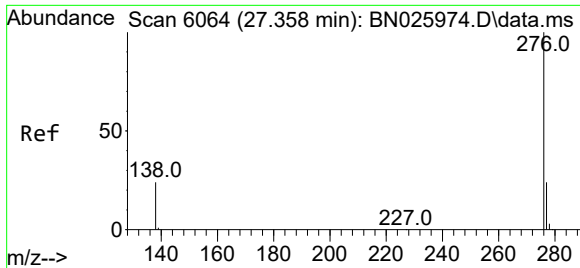
Tgt Ion:276 Resp: 138023
 Ion Ratio Lower Upper
 276 100
 138 22.3 24.5 36.7#
 227 0.0 0.0 0.0



#28
 Dibenzo(a,h)anthracene
 Concen: 0.672 ng/ul
 RT: 26.598 min Scan# 5837
 Delta R.T. -0.024 min
 Lab File: BN026013.D
 Acq: 24 Jun 2023 19:51

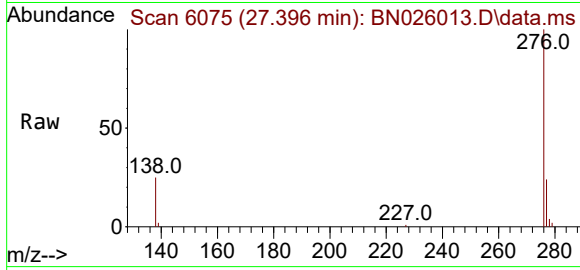
Tgt Ion:278 Resp: 34013
 Ion Ratio Lower Upper
 278 100
 139 21.6 19.0 28.4
 279 31.7 26.7 40.1





#29
Benzo(g,h,i)perylene
Concen: 2.294 ng/ul
RT: 27.396 min Scan# 60
Delta R.T. 0.010 min
Lab File: BN026013.D
Acq: 24 Jun 2023 19:51

Instrument :
BNA_N
ClientSampleId :
DCFQ0DL



Tgt Ion:276 Resp: 136537
Ion Ratio Lower Upper
276 100
138 24.9 23.4 35.0
277 23.9 20.0 30.0

