

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026218.D
 Acq On : 03 Jul 2023 10:02
 Operator : MA/JU
 Sample : 03244-21
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 03 23:20:25 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 : Sat Jul 01 01:46:24 2023
 Response via : Initial Calibration

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

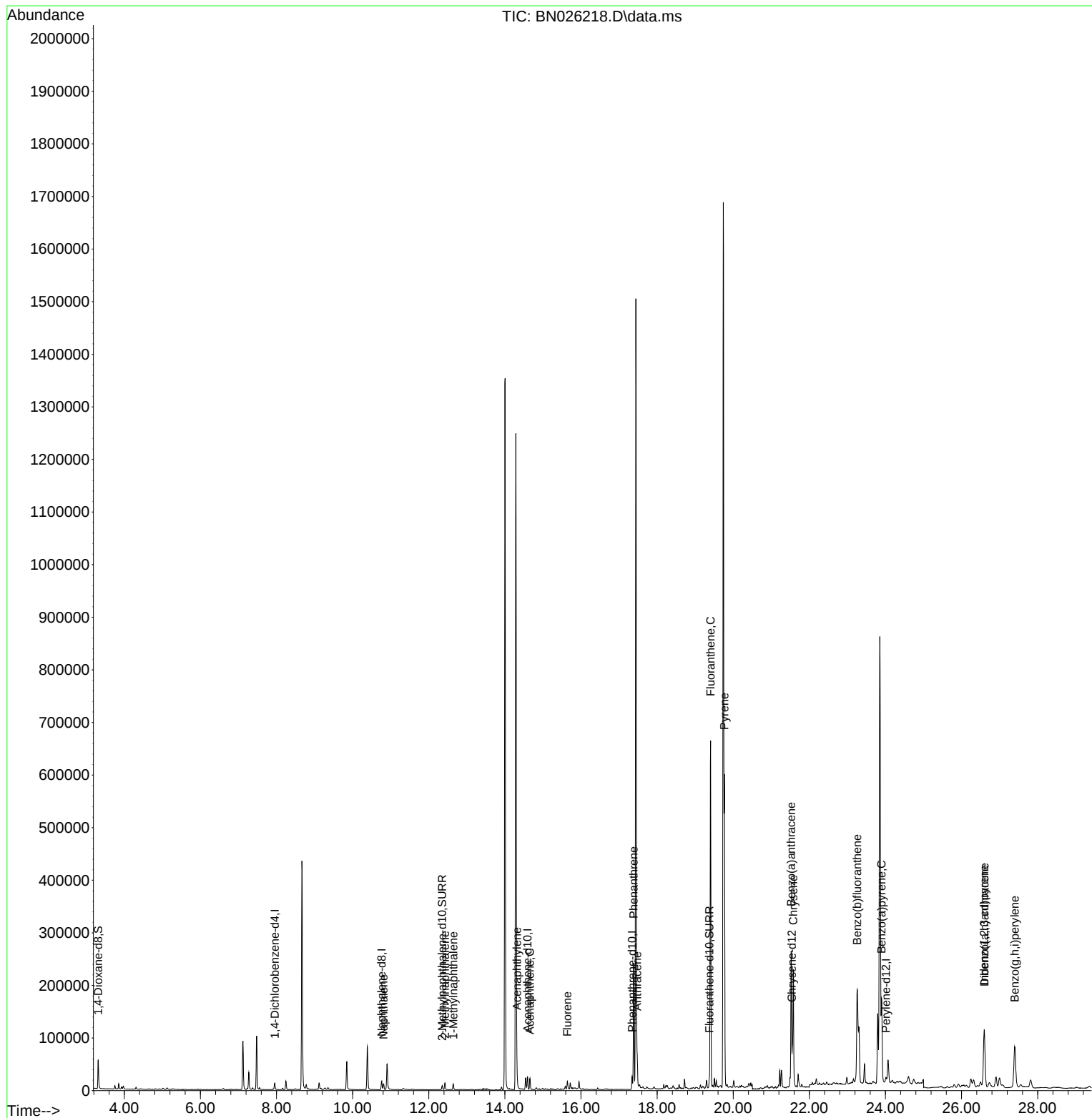
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	7150	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.763	136	22935	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.593	164	14240	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.342	188	28380	0.400	ng/ul	0.00
17) Chrysene-d12	21.540	240	15724	0.400	ng/ul	# 0.00
23) Perylene-d12	24.013	264	14491	0.400	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	36651	4.552	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.353	152	10884	0.309	ng/ul	-0.01
18) Fluoranthene-d10	19.372	212	20637	0.345	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.813	128	15895	0.242	ng/ul	99
7) 2-Methylnaphthalene	12.424	142	9861	0.236	ng/ul	98
8) 1-Methylnaphthalene	12.644	142	8478	0.195	ng/ul	99
10) Acenaphthylene	14.315	152	28402	0.426	ng/ul	98
11) Acenaphthene	14.658	153	12306	0.226	ng/ul	99
12) Fluorene	15.643	166	9849	0.157	ng/ul#	98
15) Phenanthrene	17.384	178	257114	2.743	ng/ul	99
16) Anthracene	17.477	178	49152	0.590	ng/ul	99
19) Fluoranthene	19.404	202	574556	6.841	ng/ul	97
20) Pyrene	19.767	202	485022	5.552	ng/ul	97
21) Benzo(a)anthracene	21.522	228	235091	3.624	ng/ul	98
22) Chrysene	21.578	228	251101	3.720	ng/ul	97
24) Benzo(b)fluoranthene	23.258	252	481355	7.783	ng/ul	91
26) Benzo(a)pyrene	23.899	252	231518	4.310	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.597	276	184212	3.140	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.600	278	46632	1.050	ng/ul	100
29) Benzo(g,h,i)perylene	27.395	276	183800	3.521	ng/ul	95

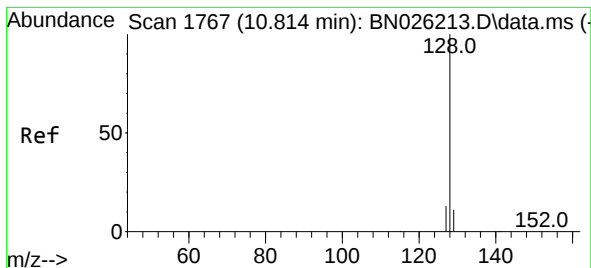
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.242 ng/ul

RT: 10.813 min Scan# 1767

Delta R.T. -0.012 min

Lab File: BN026218.D

Acq: 03 Jul 2023 10:02

Instrument :

BNA_N

ClientSampleId :

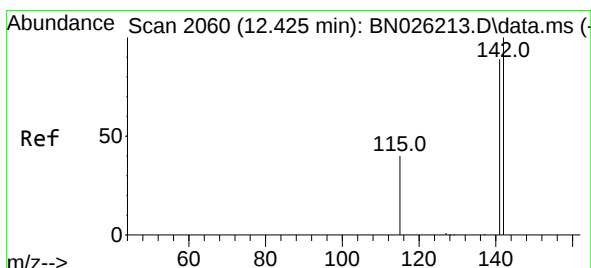
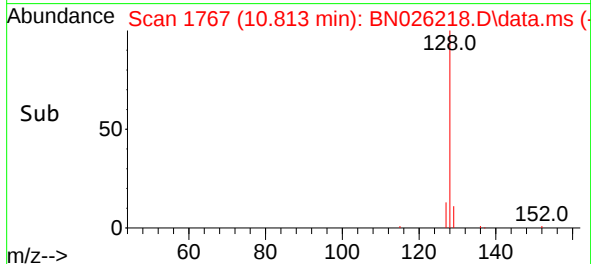
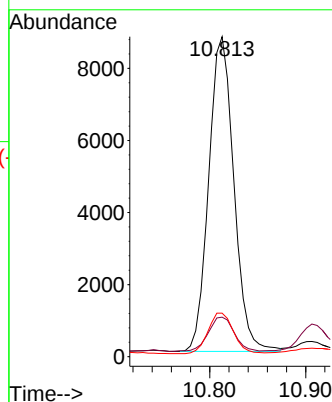
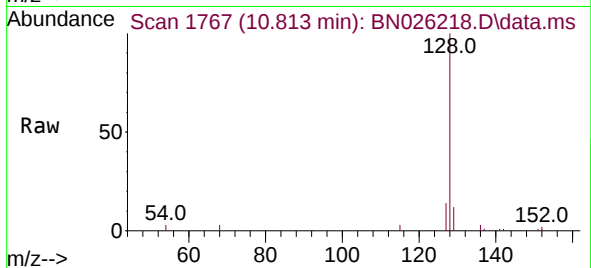
Tgt Ion:128 Resp: 15895

Ion Ratio Lower Upper

128 100

129 12.4 9.1 13.7

127 13.6 10.7 16.1



#7

2-Methylnaphthalene

Concen: 0.236 ng/ul

RT: 12.424 min Scan# 2060

Delta R.T. -0.012 min

Lab File: BN026218.D

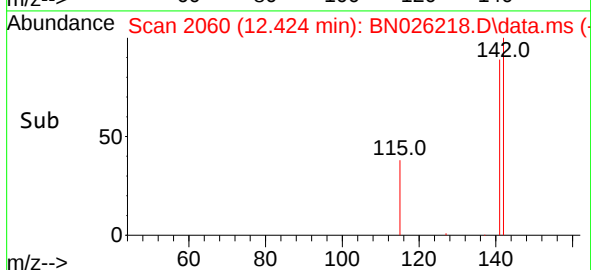
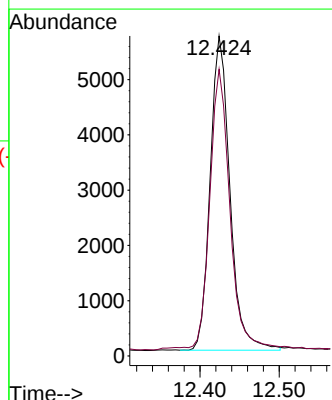
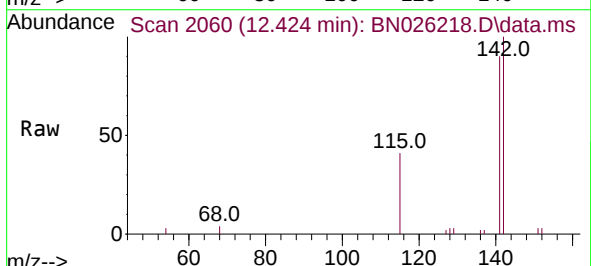
Acq: 03 Jul 2023 10:02

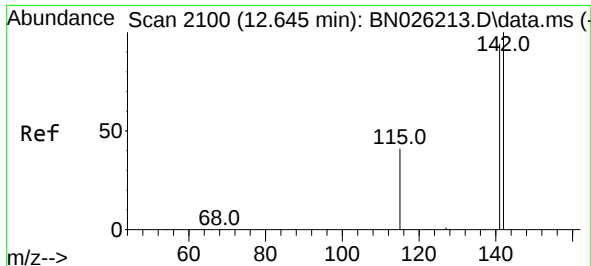
Tgt Ion:142 Resp: 9861

Ion Ratio Lower Upper

142 100

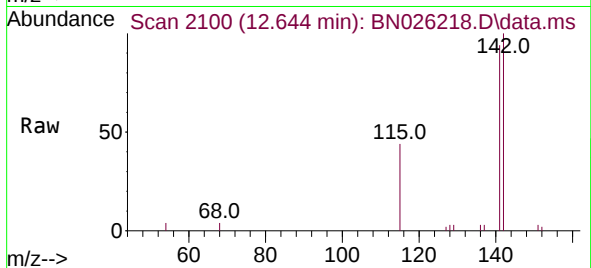
141 91.6 71.9 107.9



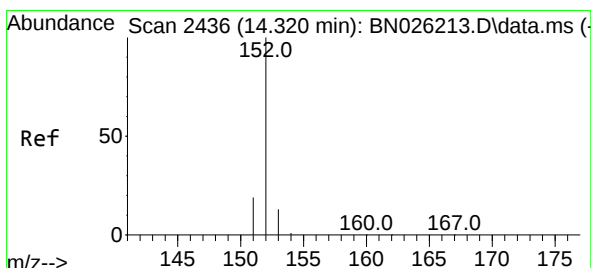
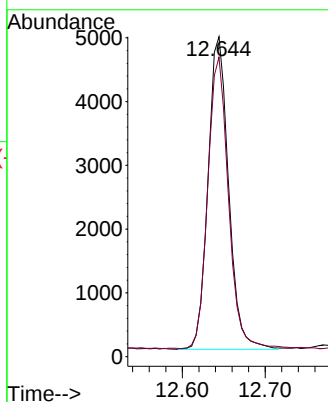
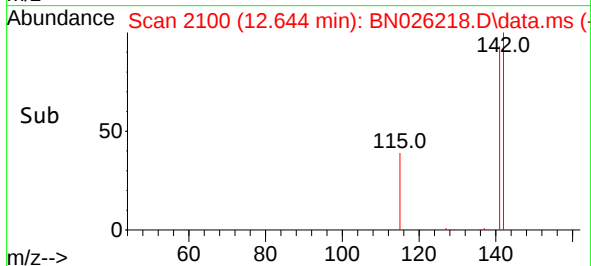


#8
1-Methylnaphthalene
Concen: 0.195 ng/ul
RT: 12.644 min Scan# 2100
Delta R.T. -0.007 min
Lab File: BN026218.D
Acq: 03 Jul 2023 10:02

Instrument :
BNA_N
ClientSampleId :

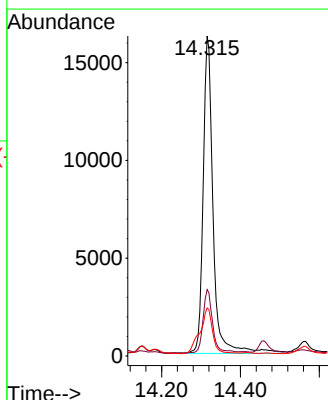
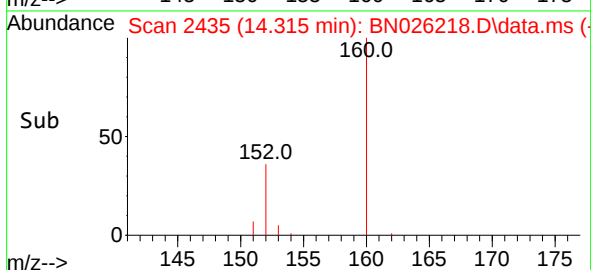
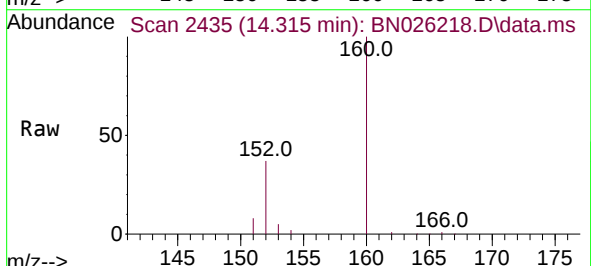


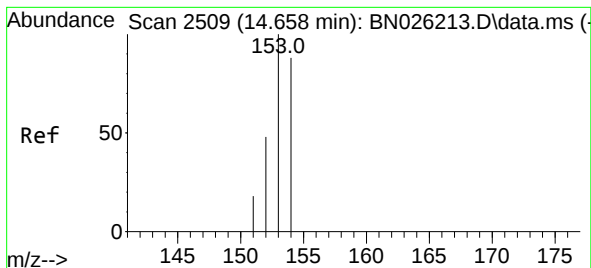
Tgt Ion:142 Resp: 8478
Ion Ratio Lower Upper
142 100
141 93.7 74.2 111.4



#10
Acenaphthylene
Concen: 0.426 ng/ul
RT: 14.315 min Scan# 2435
Delta R.T. -0.010 min
Lab File: BN026218.D
Acq: 03 Jul 2023 10:02

Tgt Ion:152 Resp: 28402
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.4
153 15.0 10.9 16.3





#11

Acenaphthene

Concen: 0.226 ng/ul

RT: 14.658 min Scan# 2509

Delta R.T. -0.010 min

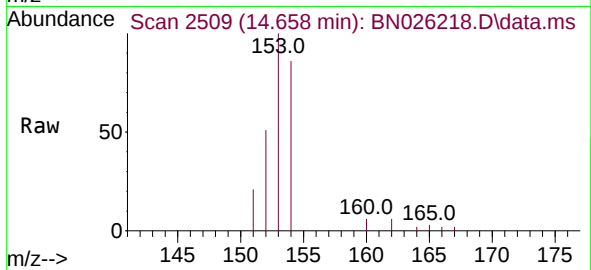
Lab File: BN026218.D

Acq: 03 Jul 2023 10:02

Instrument :

BNA_N

ClientSampleId :



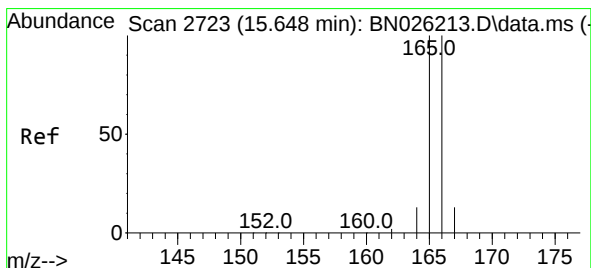
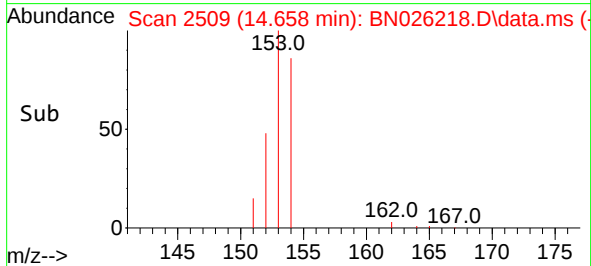
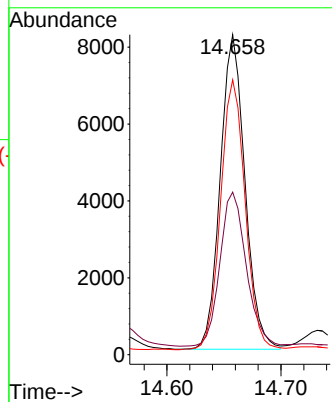
Tgt Ion:153 Resp: 12306

Ion Ratio Lower Upper

153 100

152 50.8 39.4 59.0

154 85.9 68.9 103.3



#12

Fluorene

Concen: 0.157 ng/ul

RT: 15.643 min Scan# 2722

Delta R.T. -0.010 min

Lab File: BN026218.D

Acq: 03 Jul 2023 10:02

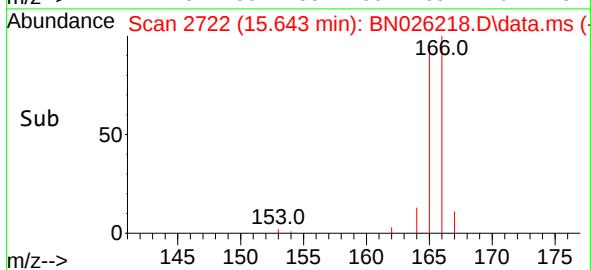
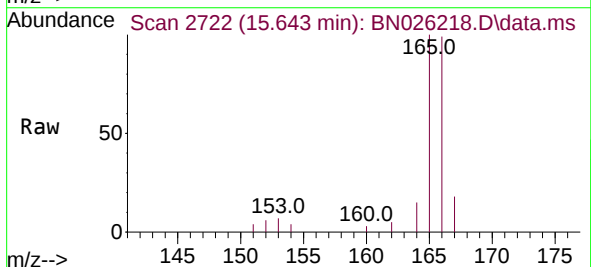
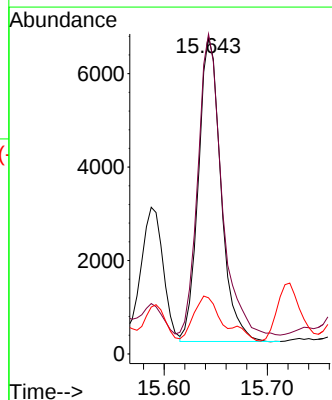
Tgt Ion:166 Resp: 9849

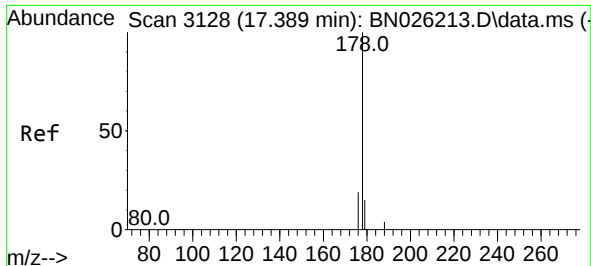
Ion Ratio Lower Upper

166 100

165 100.9 79.9 119.9

167 17.7 10.8 16.2#

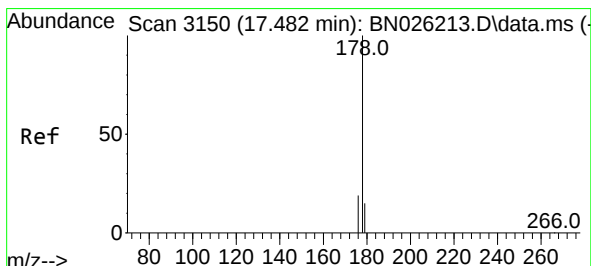
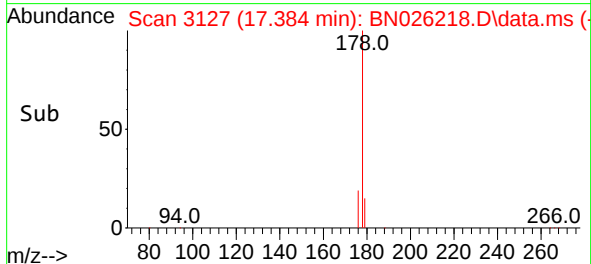
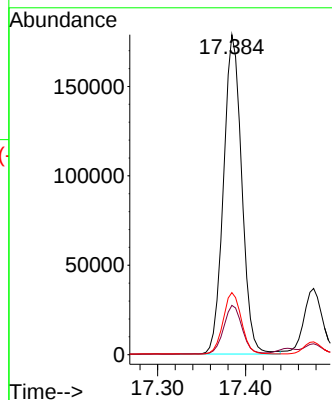
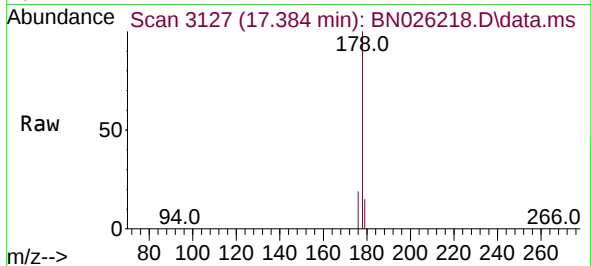




#15
Phenanthrene
Concen: 2.743 ng/u1
RT: 17.384 min Scan# 3128
Delta R.T. -0.010 min
Lab File: BN026218.D
Acq: 03 Jul 2023 10:02

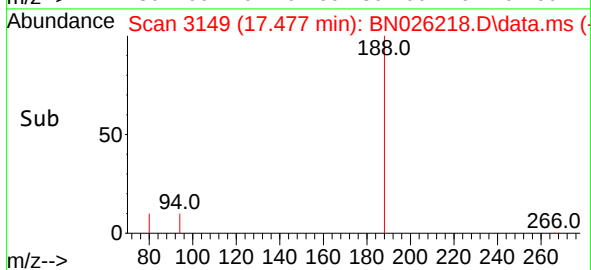
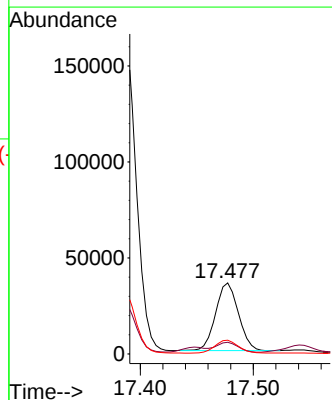
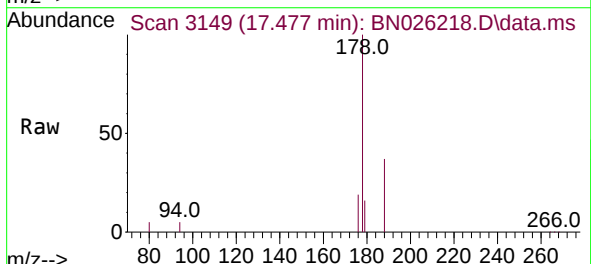
Instrument :
BNA_N
ClientSampleId :

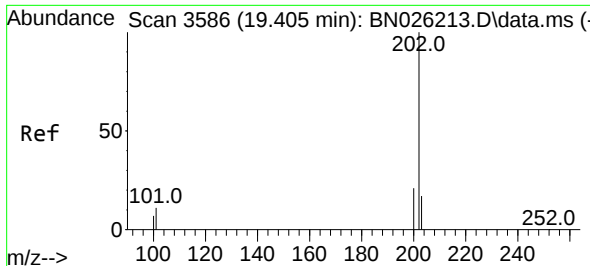
Tgt Ion:178 Resp: 257114
Ion Ratio Lower Upper
178 100
179 15.4 12.6 19.0
176 19.4 15.8 23.6



#16
Anthracene
Concen: 0.590 ng/u1
RT: 17.477 min Scan# 3149
Delta R.T. -0.010 min
Lab File: BN026218.D
Acq: 03 Jul 2023 10:02

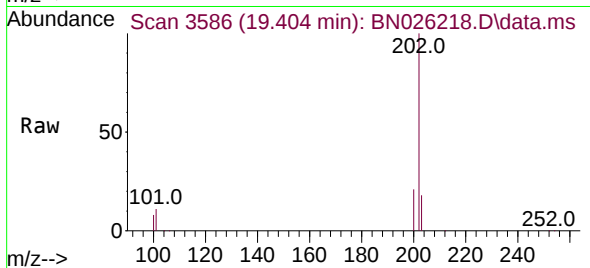
Tgt Ion:178 Resp: 49152
Ion Ratio Lower Upper
178 100
179 16.4 12.6 18.8
176 19.4 15.1 22.7



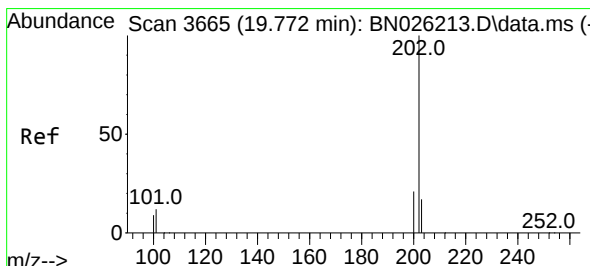
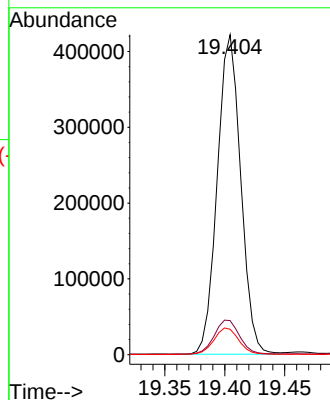
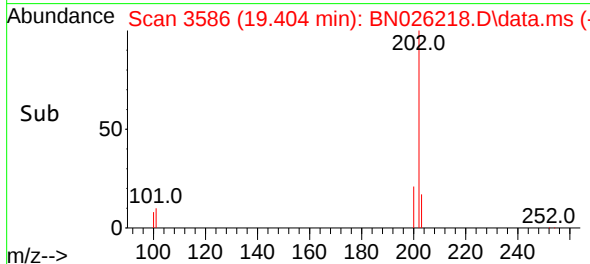


#19
Fluoranthene
Concen: 6.841 ng/ul
RT: 19.404 min Scan# 3586
Delta R.T. -0.006 min
Lab File: BN026218.D
Acq: 03 Jul 2023 10:02

Instrument :
BNA_N
ClientSampleId :

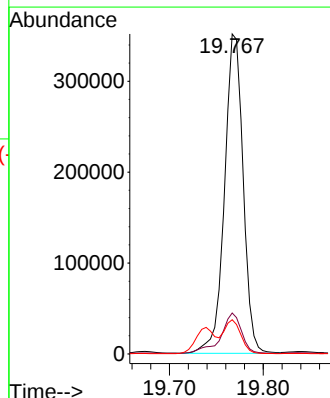
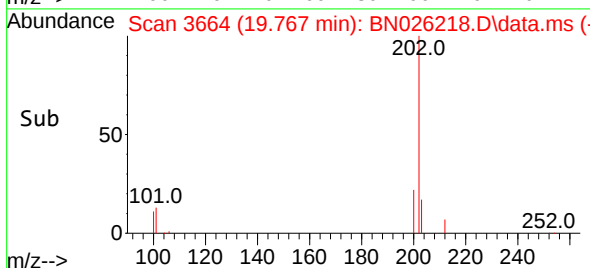
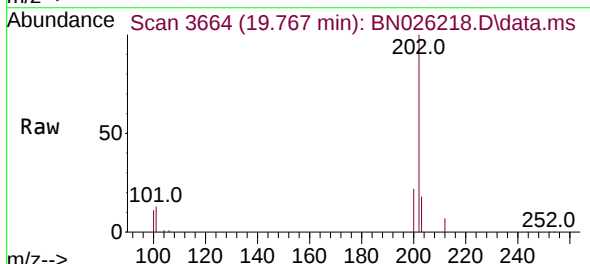


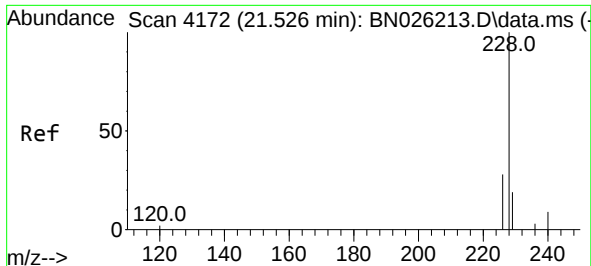
Tgt Ion:202 Resp: 574556
Ion Ratio Lower Upper
202 100
101 10.6 9.5 14.3
100 8.0 7.3 10.9



#20
Pyrene
Concen: 5.552 ng/ul
RT: 19.767 min Scan# 3664
Delta R.T. -0.006 min
Lab File: BN026218.D
Acq: 03 Jul 2023 10:02

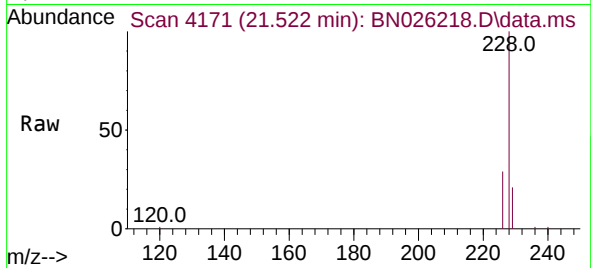
Tgt Ion:202 Resp: 485022
Ion Ratio Lower Upper
202 100
101 12.8 11.4 17.0
100 10.7 9.1 13.7



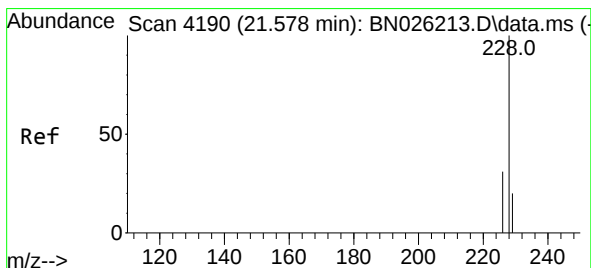
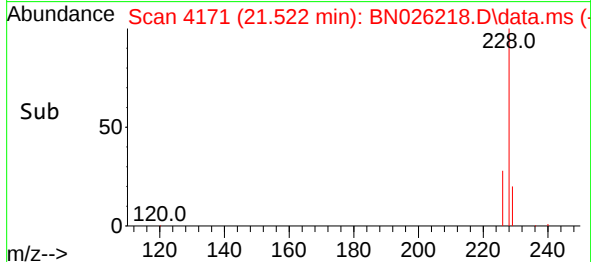
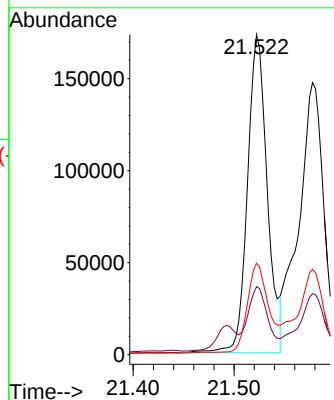


#21
Benzo(a)anthracene
Concen: 3.624 ng/ul
RT: 21.522 min Scan# 4171
Delta R.T. -0.004 min
Lab File: BN026218.D
Acq: 03 Jul 2023 10:02

Instrument :
BNA_N
ClientSampleId :

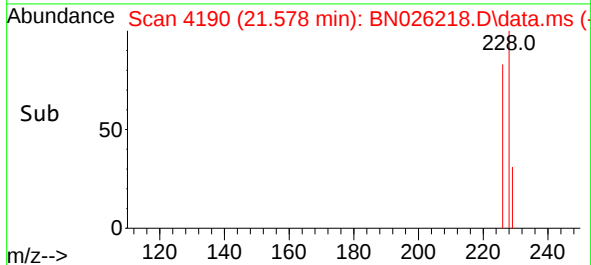
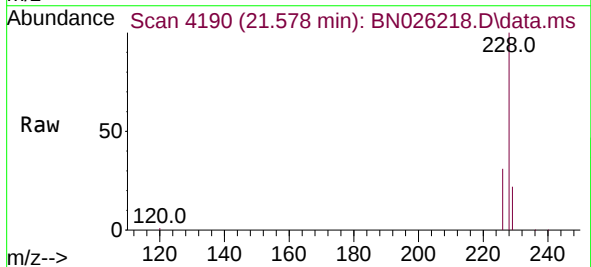
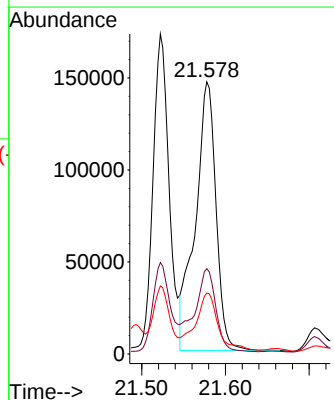


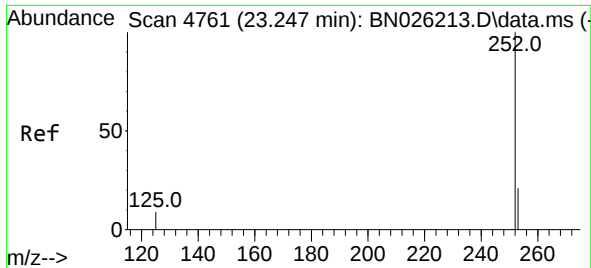
Tgt Ion:228 Resp: 235091
Ion Ratio Lower Upper
228 100
229 21.3 15.8 23.6
226 28.5 22.5 33.7



#22
Chrysene
Concen: 3.720 ng/ul
RT: 21.578 min Scan# 4190
Delta R.T. -0.002 min
Lab File: BN026218.D
Acq: 03 Jul 2023 10:02

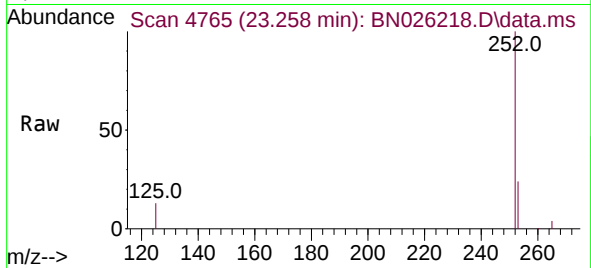
Tgt Ion:228 Resp: 251101
Ion Ratio Lower Upper
228 100
226 31.3 24.8 37.2
229 22.4 15.7 23.5



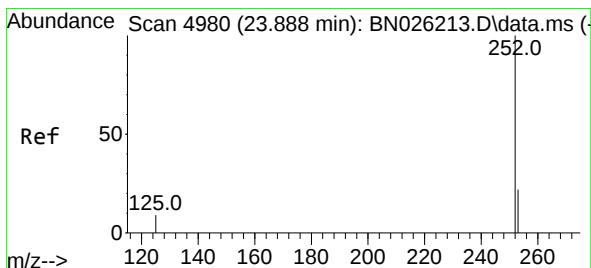
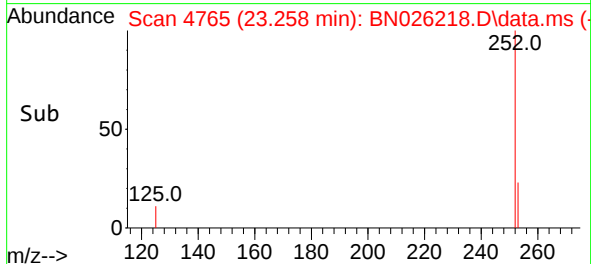
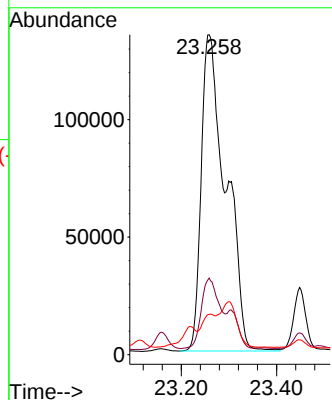


#24
Benzo(b)fluoranthene
Concen: 7.783 ng/ul
RT: 23.258 min Scan# 4765
Delta R.T. 0.016 min
Lab File: BN026218.D
Acq: 03 Jul 2023 10:02

Instrument :
BNA_N
ClientSampleId :

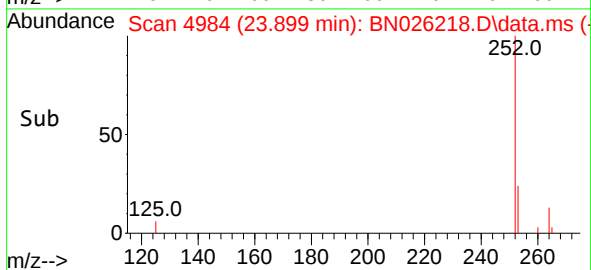
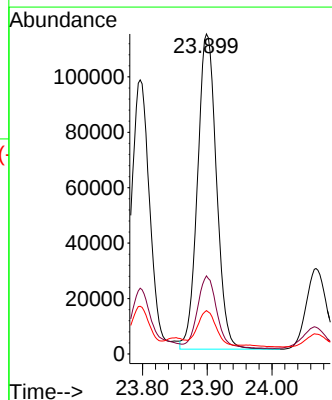
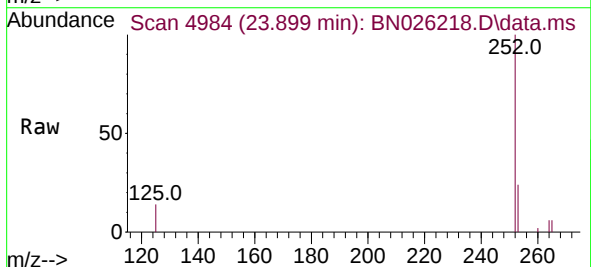


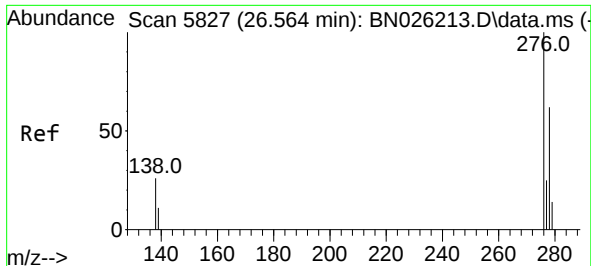
Tgt Ion:252 Resp: 481355
Ion Ratio Lower Upper
252 100
253 24.0 0.0 55.6
125 12.5 0.0 35.8



#26
Benzo(a)pyrene
Concen: 4.310 ng/ul
RT: 23.899 min Scan# 4984
Delta R.T. 0.013 min
Lab File: BN026218.D
Acq: 03 Jul 2023 10:02

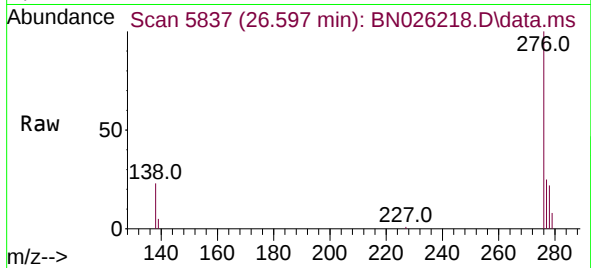
Tgt Ion:252 Resp: 231518
Ion Ratio Lower Upper
252 100
253 24.4 26.0 39.0#
125 13.5 17.3 25.9#



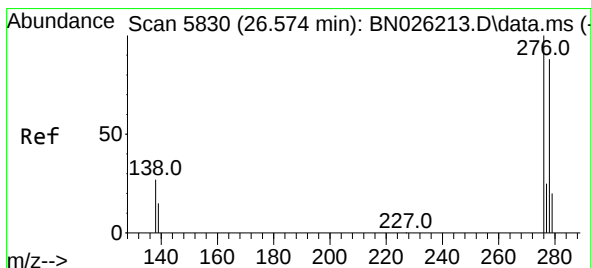
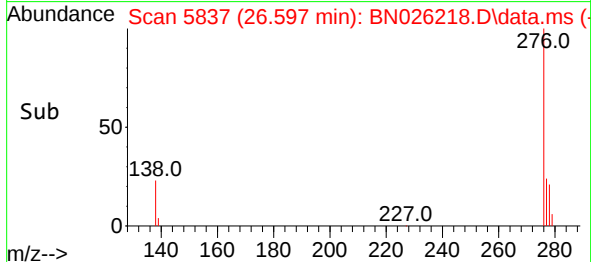
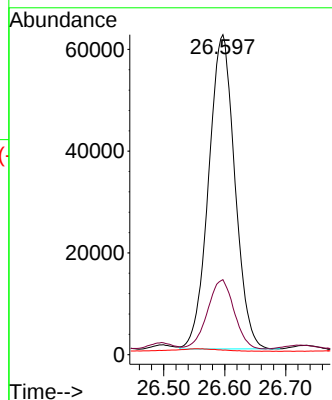


#27
 Indeno(1,2,3-cd)pyrene
 Concen: 3.140 ng/ul
 RT: 26.597 min Scan# 5837
 Delta R.T. 0.039 min
 Lab File: BN026218.D
 Acq: 03 Jul 2023 10:02

Instrument :
 BNA_N
 ClientSampleId :

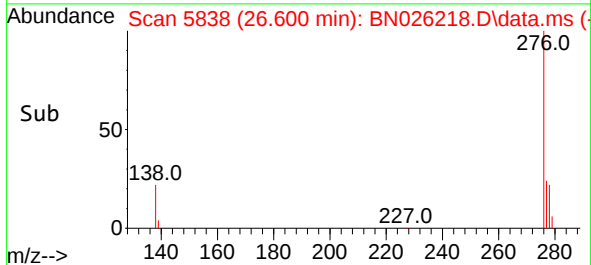
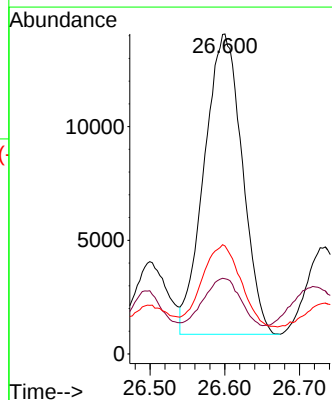
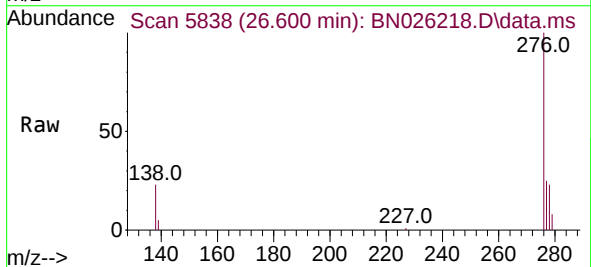


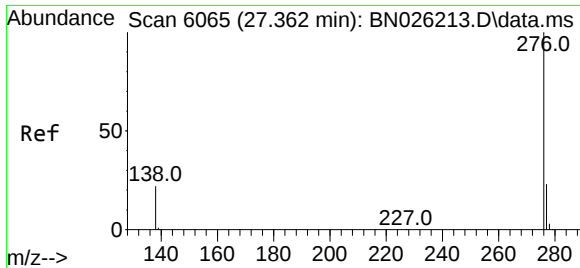
Tgt Ion:276 Resp: 184212
 Ion Ratio Lower Upper
 276 100
 138 22.3 24.5 36.7#
 227 0.0 0.0 0.0



#28
 Dibenzo(a,h)anthracene
 Concen: 1.050 ng/ul
 RT: 26.600 min Scan# 5838
 Delta R.T. 0.022 min
 Lab File: BN026218.D
 Acq: 03 Jul 2023 10:02

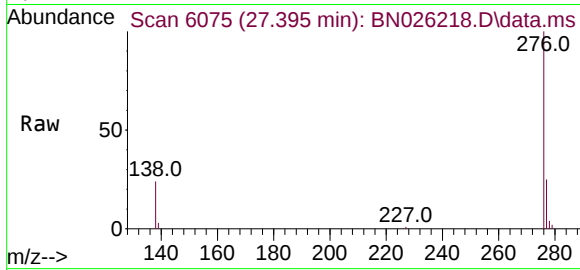
Tgt Ion:278 Resp: 46632
 Ion Ratio Lower Upper
 278 100
 139 23.5 19.0 28.4
 279 33.7 26.7 40.1





#29
 Benzo(g,h,i)perylene
 Concen: 3.521 ng/ul
 RT: 27.395 min Scan# 60
 Delta R.T. 0.049 min
 Lab File: BN026218.D
 Acq: 03 Jul 2023 10:02

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:276 Resp: 183800
 Ion Ratio Lower Upper
 276 100
 138 24.3 23.4 35.0
 277 24.8 20.0 30.0

