

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026226.D
 Acq On : 03 Jul 2023 14:59
 Operator : MA/JU
 Sample : 03246-09
 Misc :
 ALS Vial : 83 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 03 23:22:17 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)

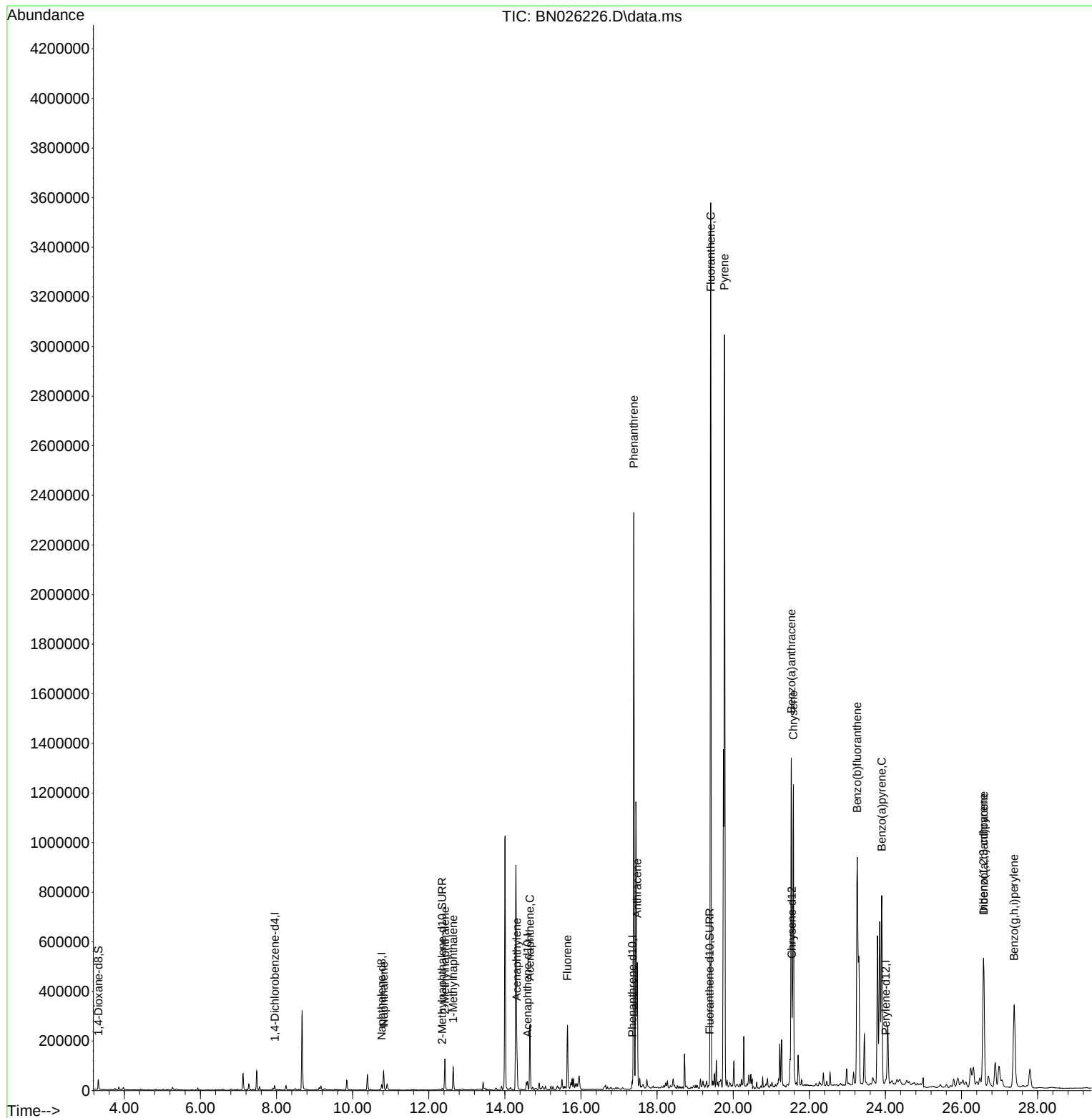
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	9729	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.765	136	30295	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.598	164	19229	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.347	188	35526	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.543	240	21577	0.400	ng/ul	# 0.00
23) Perylene-d12	24.011	264	24352	0.400	ng/ul	# 0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.318	96	26518	2.420	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.354	152	8118	0.174	ng/ul	-0.01
18) Fluoranthene-d10	19.377	212	15109	0.184	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.814	128	108058	1.245	ng/ul	100
7) 2-Methylnaphthalene	12.425	142	91191	1.649	ng/ul	99
8) 1-Methylnaphthalene	12.640	142	64989	1.134	ng/ul	100
10) Acenaphthylene	14.316	152	171921	1.909	ng/ul	99
11) Acenaphthene	14.658	153	151965	2.063	ng/ul	98
12) Fluorene	15.643	166	166634	1.973	ng/ul	99
15) Phenanthrene	17.389	178	2496949	21.279	ng/ul	100
16) Anthracene	17.478	178	509284	4.883	ng/ul	100
19) Fluoranthene	19.410	202	3321546	28.821	ng/ul	95
20) Pyrene	19.772	202	2606439	21.744	ng/ul	95
21) Benzo(a)anthracene	21.526	228	1278852	14.367	ng/ul	97
22) Chrysene	21.581	228	1258823	13.591	ng/ul	97
24) Benzo(b)fluoranthene	23.259	252	2391363	23.008	ng/ul	88
26) Benzo(a)pyrene	23.902	252	1149060	12.729	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	26.578	276	888124	9.007	ng/ul#	83
28) Dibenzo(a,h)anthracene	26.581	278	223405	2.994	ng/ul	94
29) Benzo(g,h,i)perylene	27.383	276	792313	9.033	ng/ul#	92

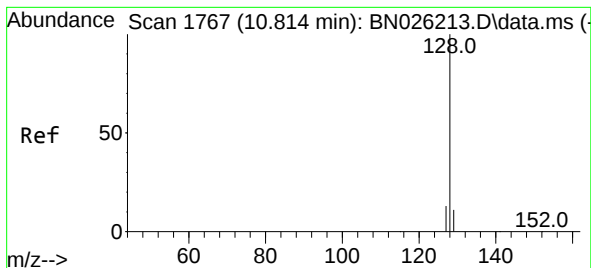
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 1.245 ng/ul

RT: 10.814 min Scan# 1767

Delta R.T. -0.011 min

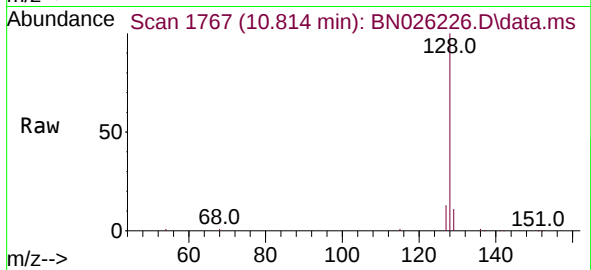
Lab File: BN026226.D

Acq: 03 Jul 2023 14:59

Instrument :

BNA_N

ClientSampleId :



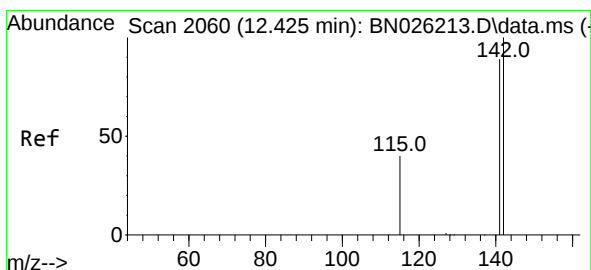
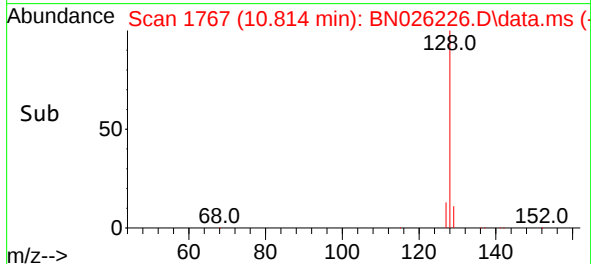
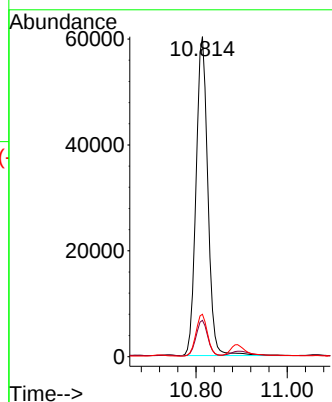
Tgt Ion:128 Resp: 108058

Ion Ratio Lower Upper

128 100

129 11.4 9.1 13.7

127 13.3 10.7 16.1



#7

2-Methylnaphthalene

Concen: 1.649 ng/ul

RT: 12.425 min Scan# 2060

Delta R.T. -0.011 min

Lab File: BN026226.D

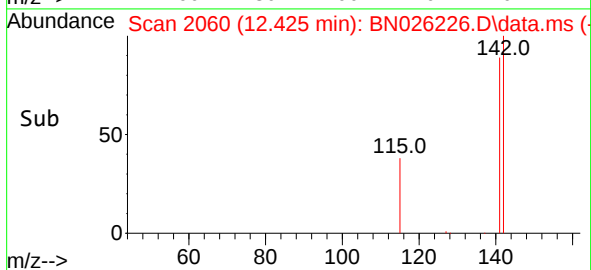
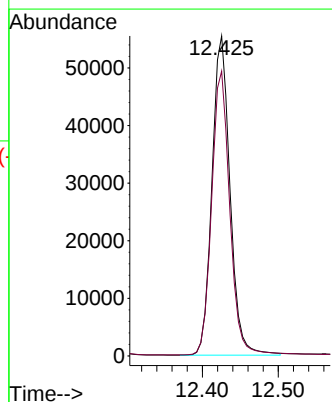
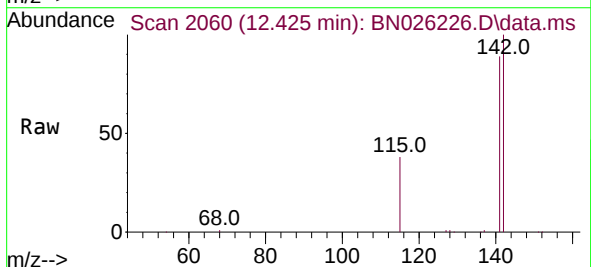
Acq: 03 Jul 2023 14:59

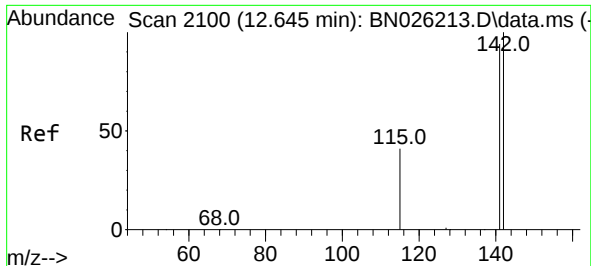
Tgt Ion:142 Resp: 91191

Ion Ratio Lower Upper

142 100

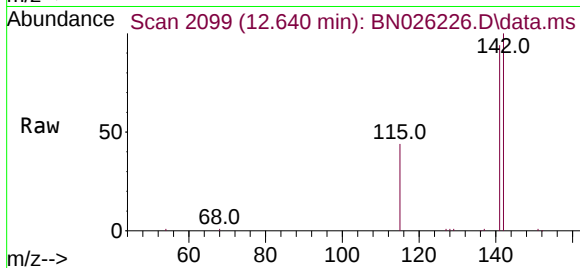
141 89.2 71.9 107.9



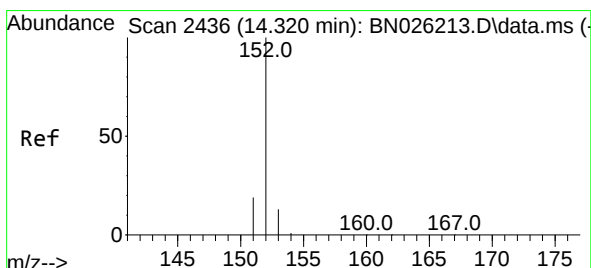
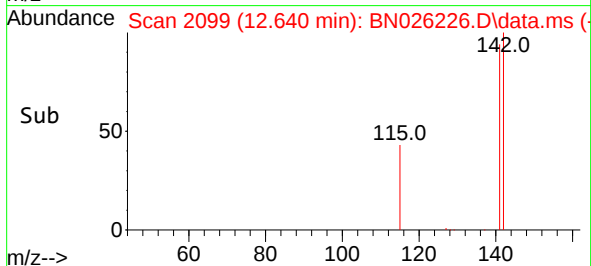
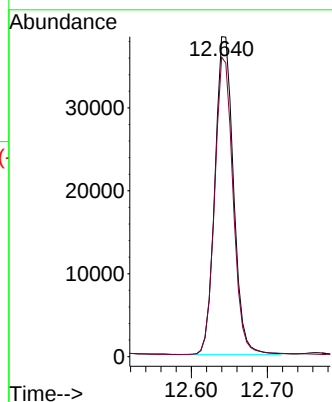


#8
1-Methylnaphthalene
Concen: 1.134 ng/ul
RT: 12.640 min Scan# 2099
Delta R.T. -0.011 min
Lab File: BN026226.D
Acq: 03 Jul 2023 14:59

Instrument :
BNA_N
ClientSampleId :

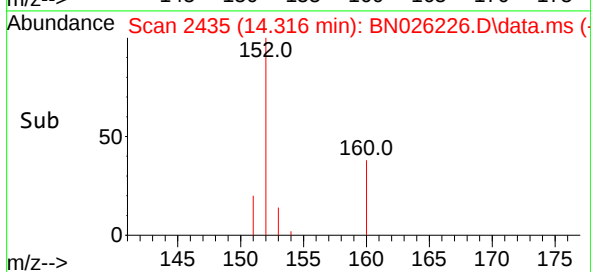
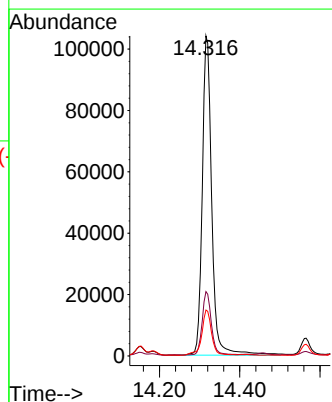
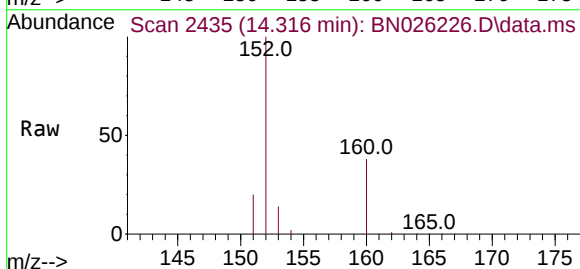


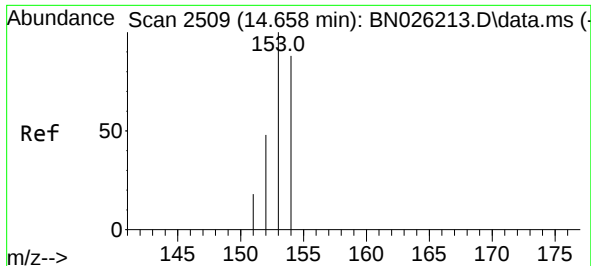
Tgt Ion:142 Resp: 64989
Ion Ratio Lower Upper
142 100
141 92.6 74.2 111.4



#10
Acenaphthylene
Concen: 1.909 ng/ul
RT: 14.316 min Scan# 2435
Delta R.T. -0.010 min
Lab File: BN026226.D
Acq: 03 Jul 2023 14:59

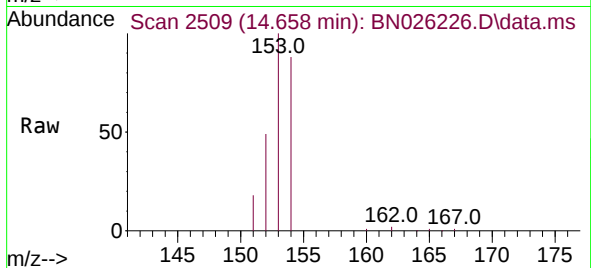
Tgt Ion:152 Resp: 171921
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.4
153 14.3 10.9 16.3



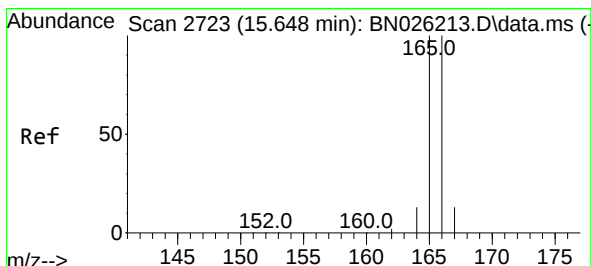
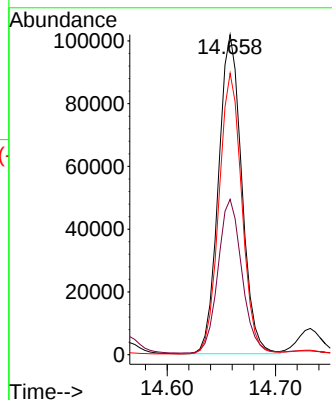
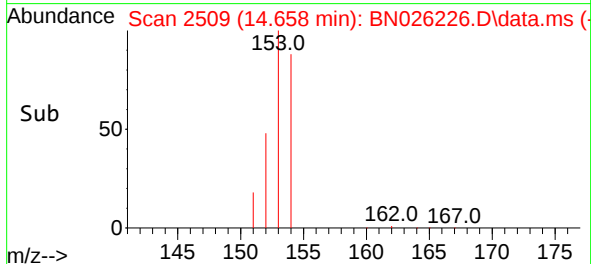


#11
Acenaphthene
Concen: 2.063 ng/ul
RT: 14.658 min Scan# 21
Delta R.T. -0.010 min
Lab File: BN026226.D
Acq: 03 Jul 2023 14:59

Instrument :
BNA_N
ClientSampleId :

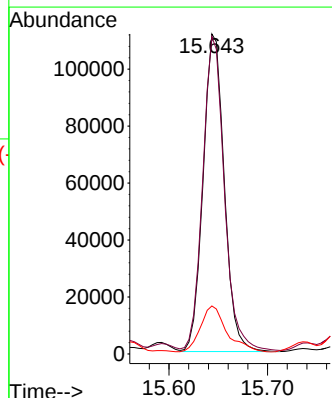
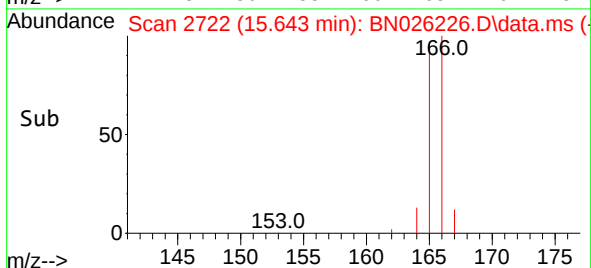
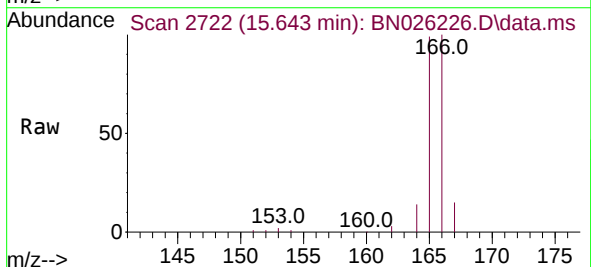


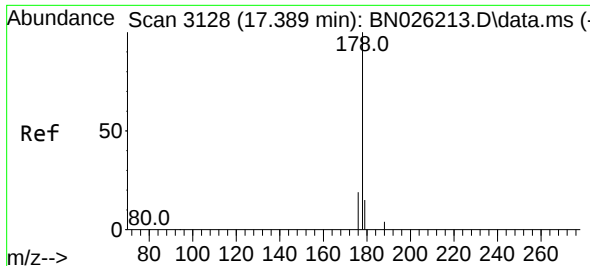
Tgt Ion:153 Resp: 151965
Ion Ratio Lower Upper
153 100
152 48.6 39.4 59.0
154 87.9 68.9 103.3



#12
Fluorene
Concen: 1.973 ng/ul
RT: 15.643 min Scan# 2722
Delta R.T. -0.010 min
Lab File: BN026226.D
Acq: 03 Jul 2023 14:59

Tgt Ion:166 Resp: 166634
Ion Ratio Lower Upper
166 100
165 99.1 79.9 119.9
167 15.0 10.8 16.2

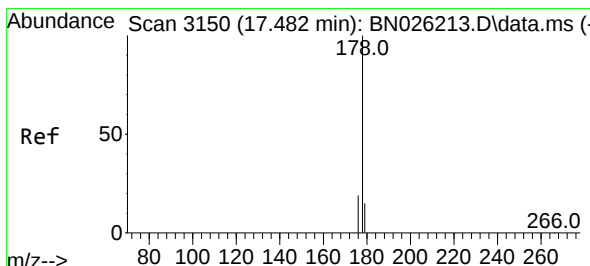
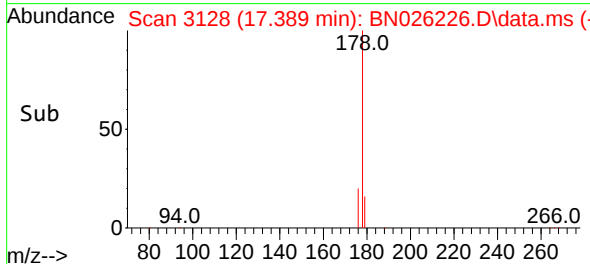
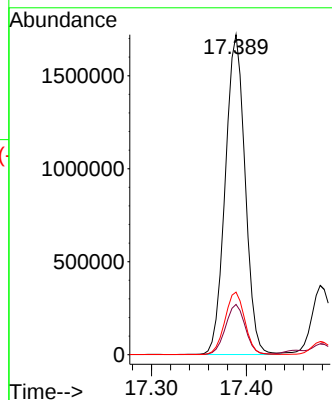
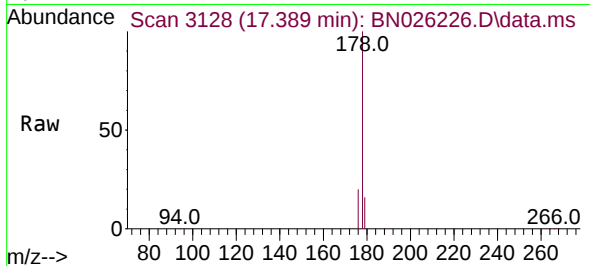




#15
Phenanthrene
Concen: 21.279 ng/ul
RT: 17.389 min Scan# 3128
Delta R.T. -0.005 min
Lab File: BN026226.D
Acq: 03 Jul 2023 14:59

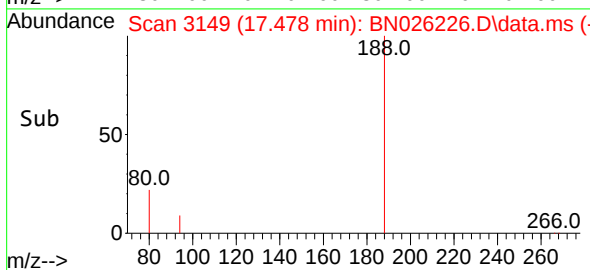
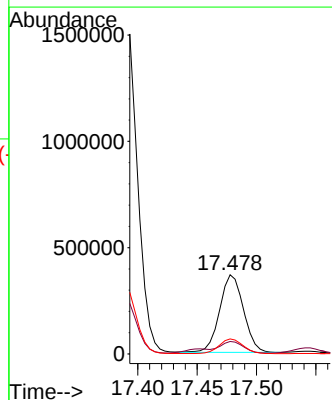
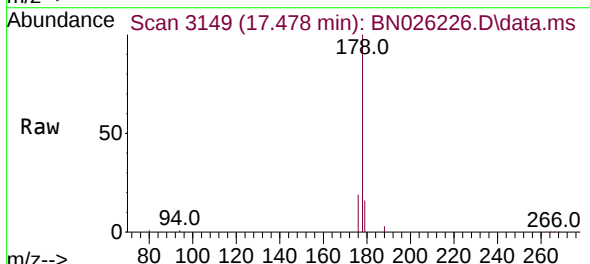
Instrument :
BNA_N
ClientSampleId :

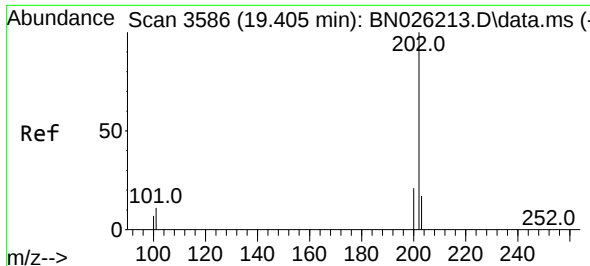
Tgt Ion:178 Resp: 2496949
Ion Ratio Lower Upper
178 100
179 15.7 12.6 19.0
176 19.6 15.8 23.6



#16
Anthracene
Concen: 4.883 ng/ul
RT: 17.478 min Scan# 3149
Delta R.T. -0.009 min
Lab File: BN026226.D
Acq: 03 Jul 2023 14:59

Tgt Ion:178 Resp: 509284
Ion Ratio Lower Upper
178 100
179 15.7 12.6 18.8
176 19.0 15.1 22.7

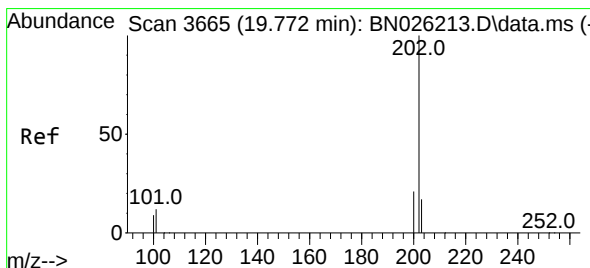
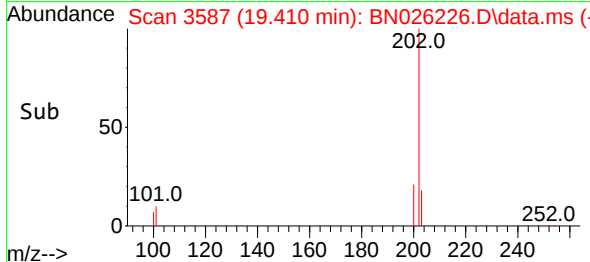
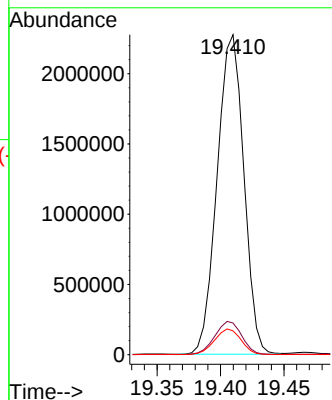
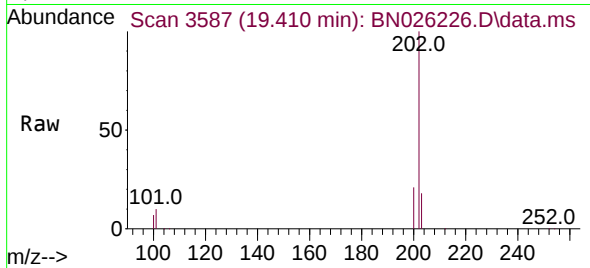




#19
Fluoranthene
Concen: 28.821 ng/ul
RT: 19.410 min Scan# 3587
Delta R.T. -0.001 min
Lab File: BN026226.D
Acq: 03 Jul 2023 14:59

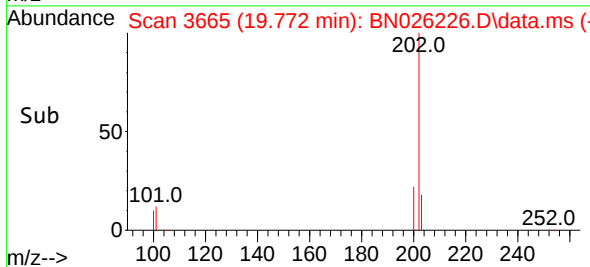
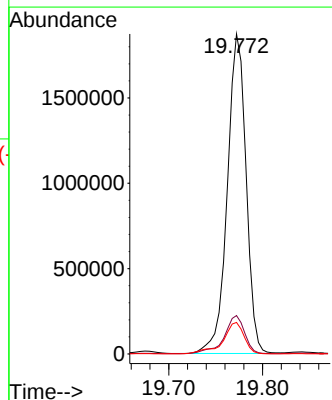
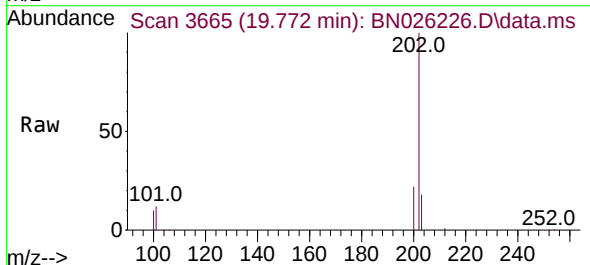
Instrument :
BNA_N
ClientSampleId :

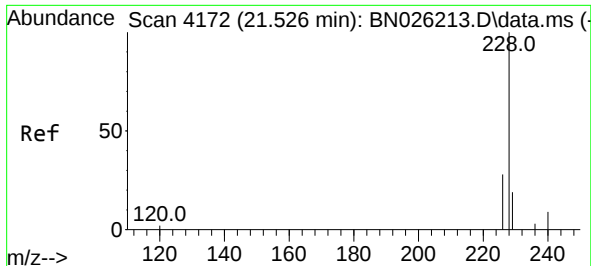
Tgt Ion:202 Resp: 3321546
Ion Ratio Lower Upper
202 100
101 9.9 9.5 14.3
100 7.5 7.3 10.9



#20
Pyrene
Concen: 21.744 ng/ul
RT: 19.772 min Scan# 3665
Delta R.T. -0.001 min
Lab File: BN026226.D
Acq: 03 Jul 2023 14:59

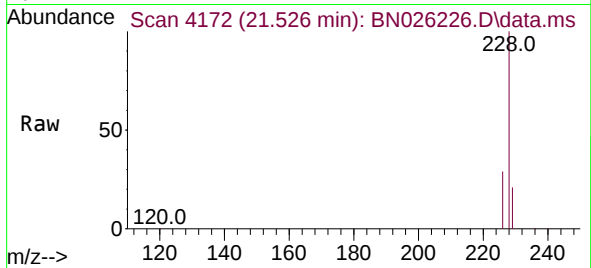
Tgt Ion:202 Resp: 2606439
Ion Ratio Lower Upper
202 100
101 12.0 11.4 17.0
100 9.8 9.1 13.7



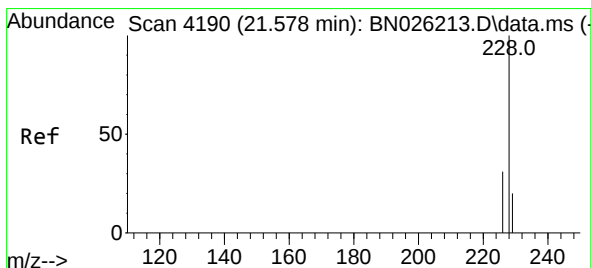
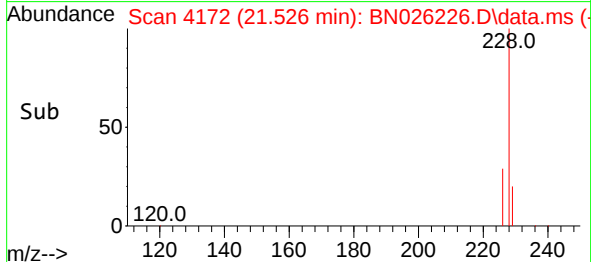
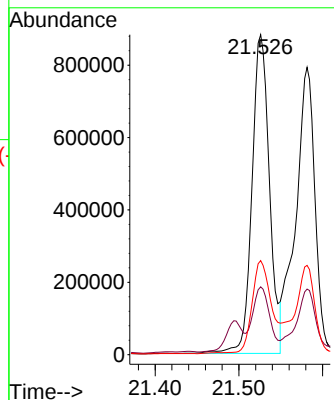


#21
Benzo(a)anthracene
Concen: 14.367 ng/ul
RT: 21.526 min Scan# 4172
Delta R.T. -0.001 min
Lab File: BN026226.D
Acq: 03 Jul 2023 14:59

Instrument :
BNA_N
ClientSampleId :

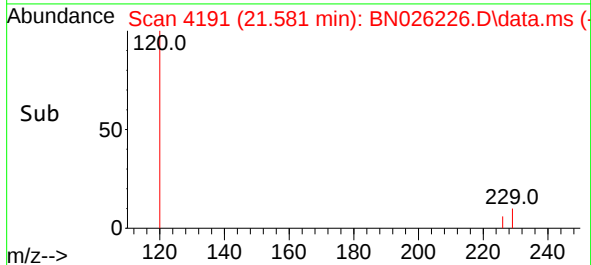
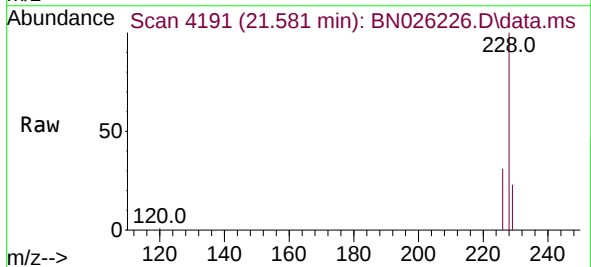
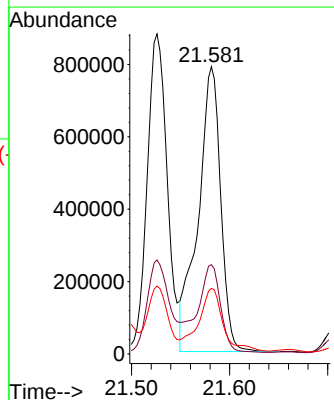


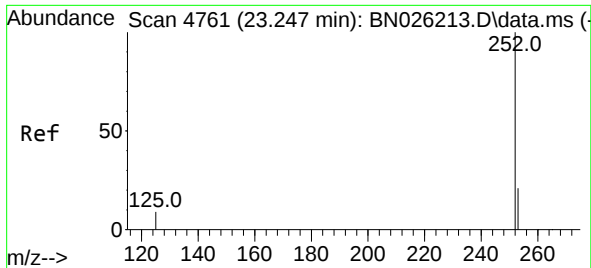
Tgt Ion:228 Resp: 1278852
Ion Ratio Lower Upper
228 100
229 21.2 15.8 23.6
226 29.4 22.5 33.7



#22
Chrysene
Concen: 13.591 ng/ul
RT: 21.581 min Scan# 4191
Delta R.T. 0.002 min
Lab File: BN026226.D
Acq: 03 Jul 2023 14:59

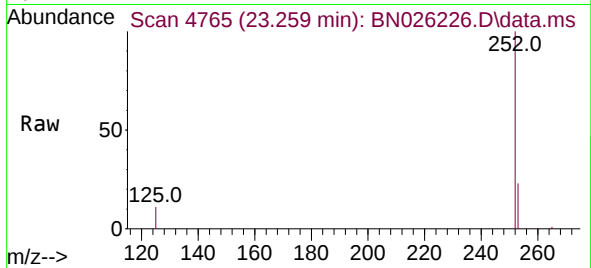
Tgt Ion:228 Resp: 1258823
Ion Ratio Lower Upper
228 100
226 31.1 24.8 37.2
229 22.9 15.7 23.5



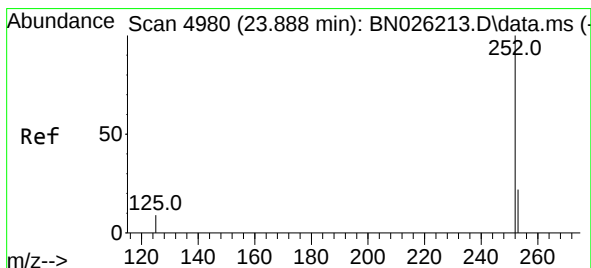
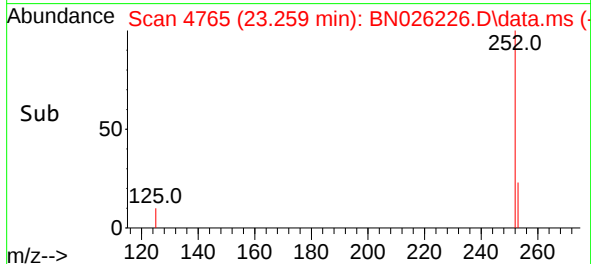
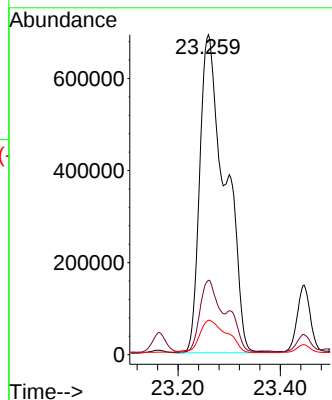


#24
Benzo(b)fluoranthene
Concen: 23.008 ng/ul
RT: 23.259 min Scan# 4765
Delta R.T. 0.017 min
Lab File: BN026226.D
Acq: 03 Jul 2023 14:59

Instrument :
BNA_N
ClientSampleId :

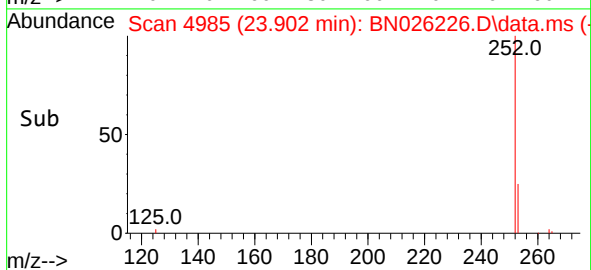
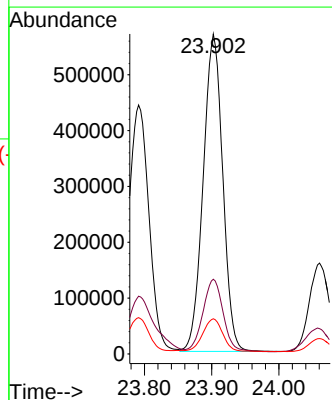
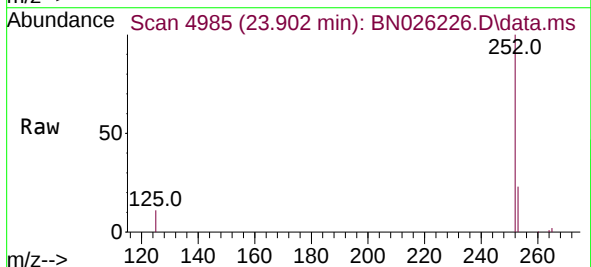


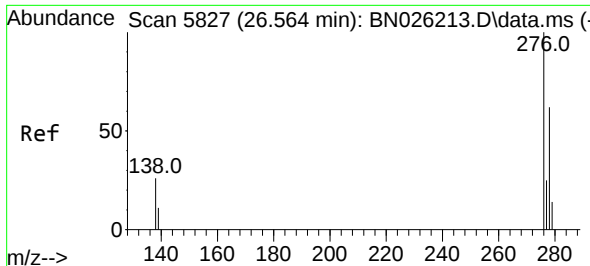
Tgt Ion:252 Resp: 2391363
Ion Ratio Lower Upper
252 100
253 23.2 0.0 55.6
125 10.7 0.0 35.8



#26
Benzo(a)pyrene
Concen: 12.729 ng/ul
RT: 23.902 min Scan# 4985
Delta R.T. 0.017 min
Lab File: BN026226.D
Acq: 03 Jul 2023 14:59

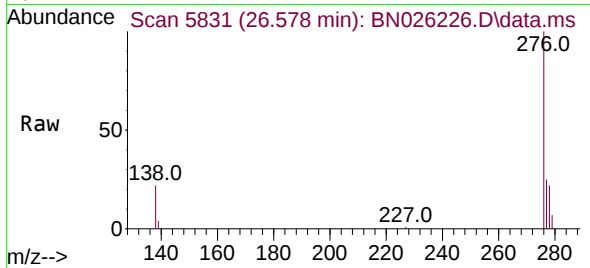
Tgt Ion:252 Resp: 1149060
Ion Ratio Lower Upper
252 100
253 23.4 26.0 39.0#
125 11.0 17.3 25.9#



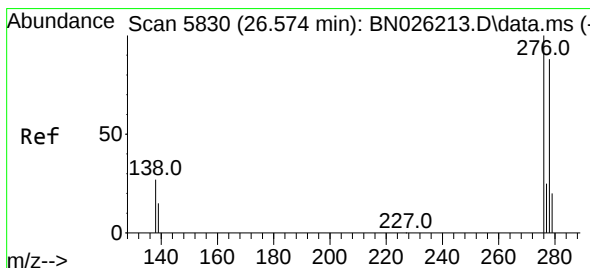
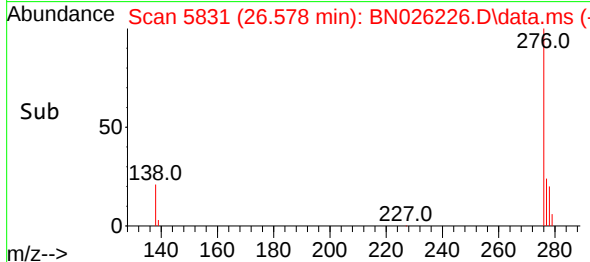
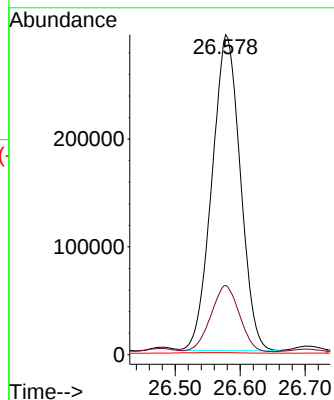


#27
 Indeno(1,2,3-cd)pyrene
 Concen: 9.007 ng/ul
 RT: 26.578 min Scan# 5831
 Delta R.T. 0.019 min
 Lab File: BN026226.D
 Acq: 03 Jul 2023 14:59

Instrument :
 BNA_N
 ClientSampleId :

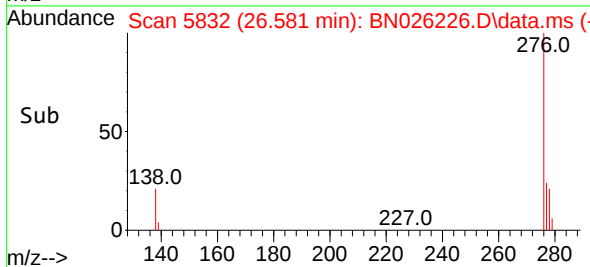
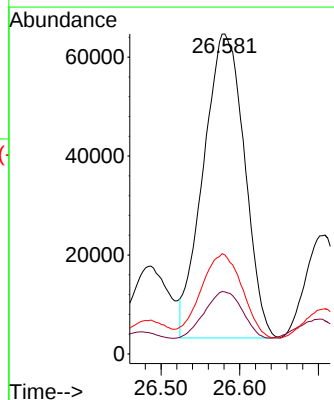
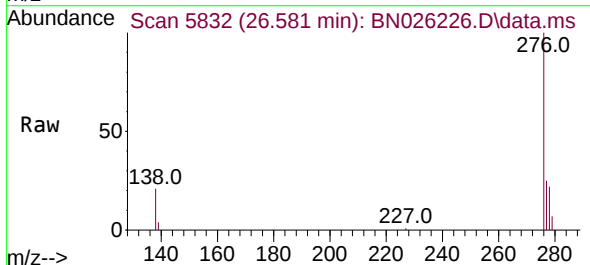


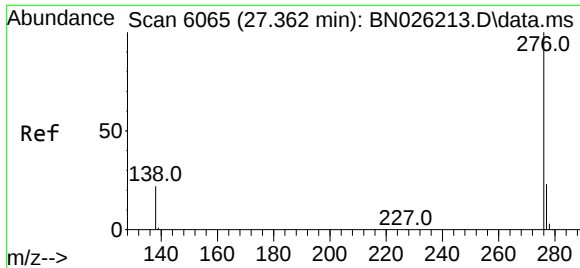
Tgt Ion:276 Resp: 888124
 Ion Ratio Lower Upper
 276 100
 138 21.1 24.5 36.7#
 227 0.4 0.0 0.0#



#28
 Dibenzo(a,h)anthracene
 Concen: 2.994 ng/ul
 RT: 26.581 min Scan# 5832
 Delta R.T. 0.003 min
 Lab File: BN026226.D
 Acq: 03 Jul 2023 14:59

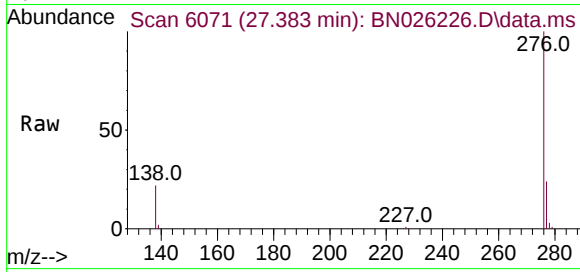
Tgt Ion:278 Resp: 223405
 Ion Ratio Lower Upper
 278 100
 139 19.4 19.0 28.4
 279 30.9 26.7 40.1





#29
Benzo(g,h,i)perylene
Concen: 9.033 ng/ul
RT: 27.383 min Scan# 6071
Delta R.T. 0.036 min
Lab File: BN026226.D
Acq: 03 Jul 2023 14:59

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:276 Resp: 792313
Ion Ratio Lower Upper
276 100
138 22.0 23.4 35.0#
277 23.9 20.0 30.0

