

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100523\
 Data File : BN028062.D
 Acq On : 05 Oct 2023 23:22
 Operator : MA/JU
 Sample : 04527-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 06 04:26:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN100323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 03 15:50:04 2023
 Response via : Initial Calibration

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

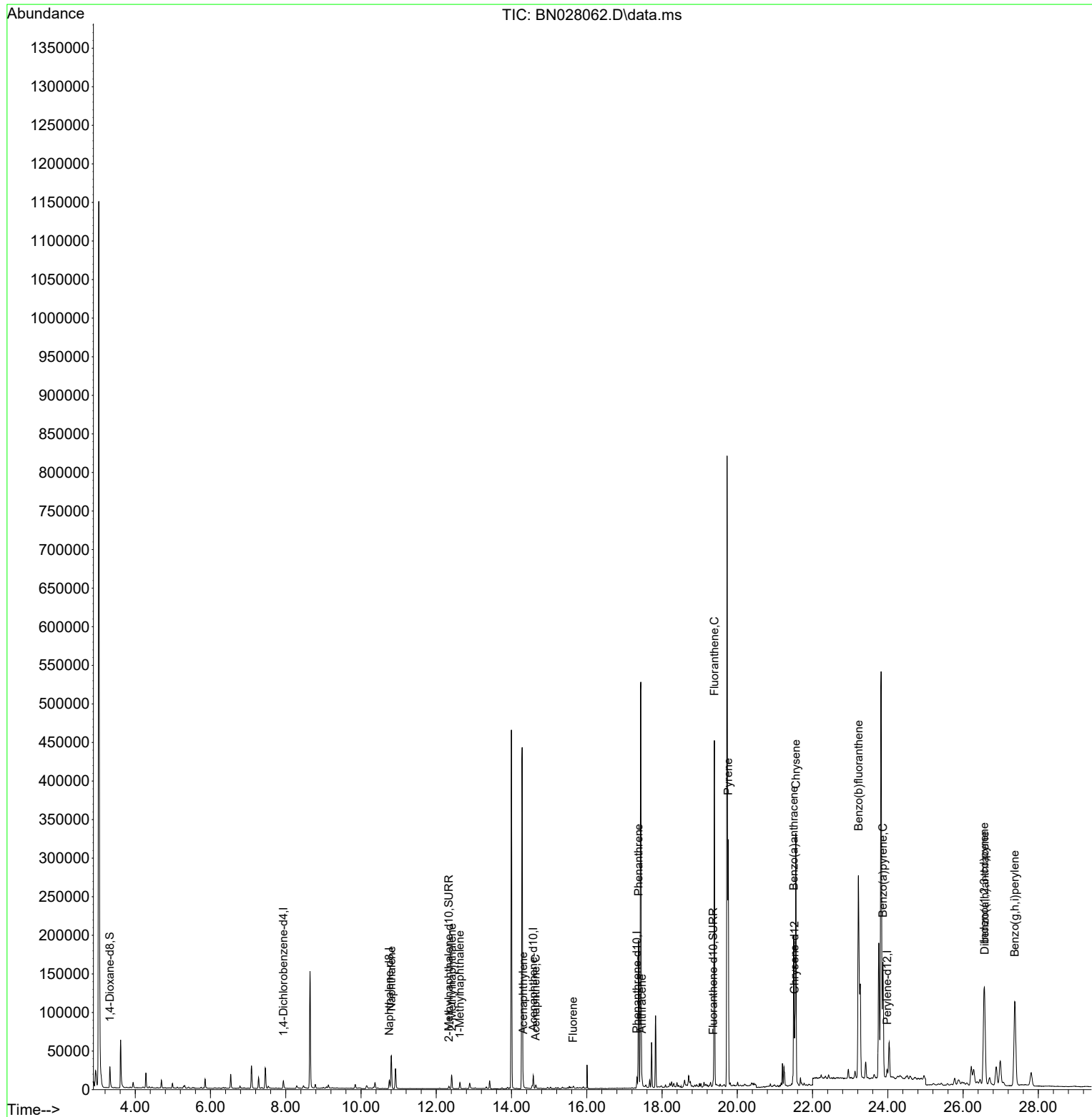
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	4755	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.751	136	14521	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.578	164	8134	0.400	ng/ul	#-0.01
13) Phenanthrene-d10	17.333	188	15777	0.400	ng/ul	#-0.02
17) Chrysene-d12	21.519	240	13446	0.400	ng/ul	#-0.02
23) Perylene-d12	23.980	264	13888	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.326	96	19737	3.305	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.335	152	4028	0.172	ng/ul	-0.02
18) Fluoranthene-d10	19.362	212	8436	0.198	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.806	128	58700	1.424	ng/ul	98
7) 2-Methylnaphthalene	12.412	142	12812	0.492	ng/ul	100
8) 1-Methylnaphthalene	12.627	142	5606	0.208	ng/ul	99
10) Acenaphthylene	14.310	152	7396	0.200	ng/ul	95
11) Acenaphthene	14.643	153	2956	0.101	ng/ul	95
12) Fluorene	15.633	166	1345	0.041	ng/ul#	65
15) Phenanthrene	17.375	178	202388	4.304	ng/ul	99
16) Anthracene	17.468	178	8152	0.194	ng/ul#	91
19) Fluoranthene	19.390	202	373418	7.273	ng/ul	100
20) Pyrene	19.757	202	255826	4.808	ng/ul	99
21) Benzo(a)anthracene	21.501	228	171778	3.499	ng/ul	99
22) Chrysene	21.557	228	329778	6.651	ng/ul	99
24) Benzo(b)fluoranthene	23.220	252	609911	11.844	ng/ul	94
26) Benzo(a)pyrene	23.869	252	219467	4.998	ng/ul	91
27) Indeno(1,2,3-cd)pyrene	26.562	276	242996	4.574	ng/ul	92
28) Dibenzo(a,h)anthracene	26.576	278	67200	1.555	ng/ul#	93
29) Benzo(g,h,i)perylene	27.374	276	252553	5.814	ng/ul	98

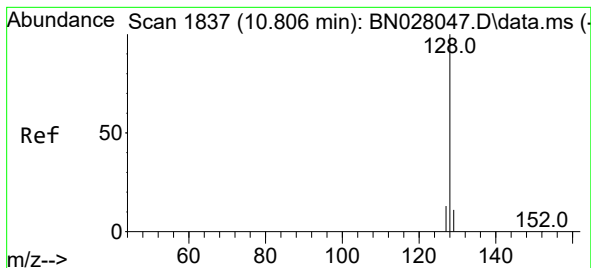
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 1.424 ng/ul

RT: 10.806 min Scan# 1837

Delta R.T. -0.011 min

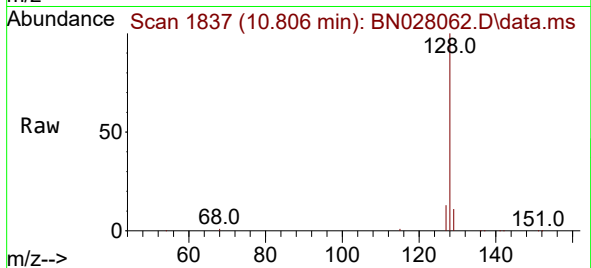
Lab File: BN028062.D

Acq: 05 Oct 2023 23:22

Instrument :

BNA_G

ClientSampleId :



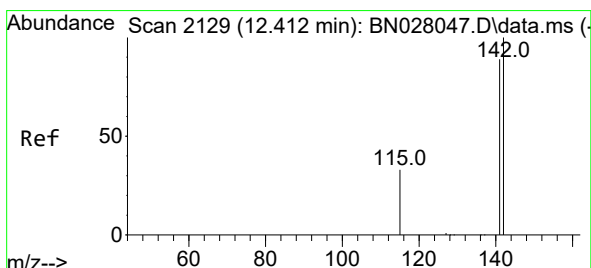
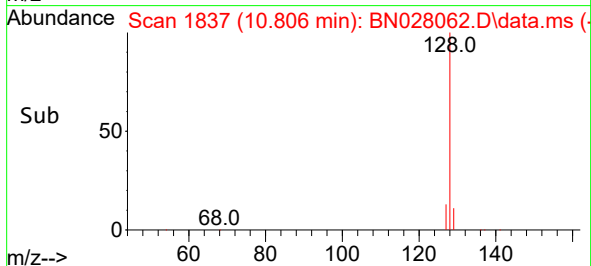
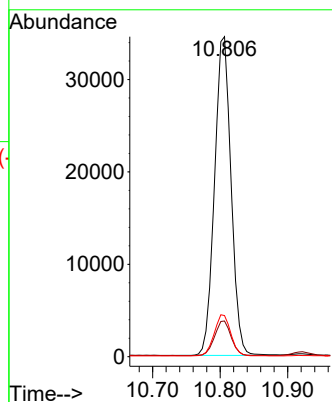
Tgt Ion:128 Resp: 58700

Ion Ratio Lower Upper

128 100

129 11.2 9.4 14.0

127 12.9 11.0 16.4



#7

2-Methylnaphthalene

Concen: 0.492 ng/ul

RT: 12.412 min Scan# 2129

Delta R.T. -0.011 min

Lab File: BN028062.D

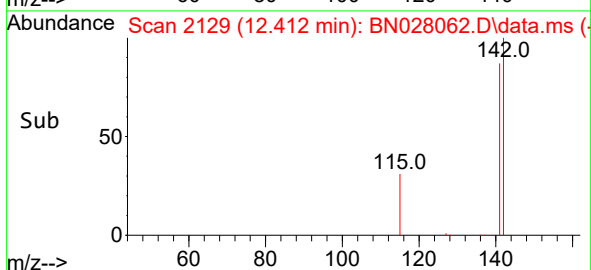
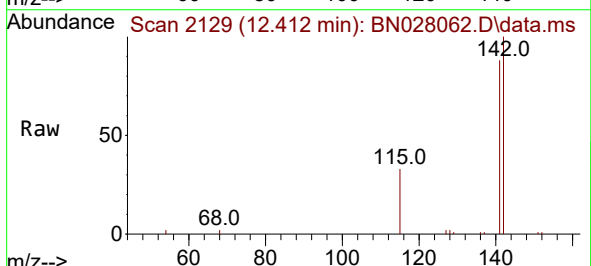
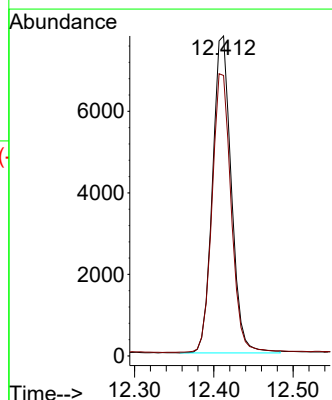
Acq: 05 Oct 2023 23:22

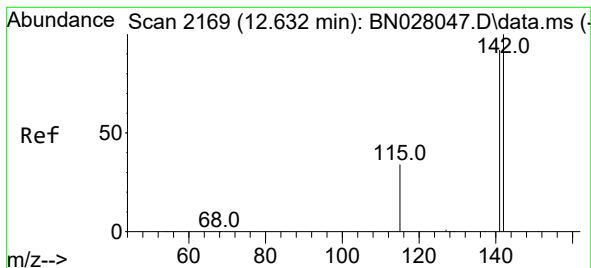
Tgt Ion:142 Resp: 12812

Ion Ratio Lower Upper

142 100

141 89.0 70.9 106.3





#8

1-Methylnaphthalene

Concen: 0.208 ng/ul

RT: 12.627 min Scan# 2168

Delta R.T. -0.017 min

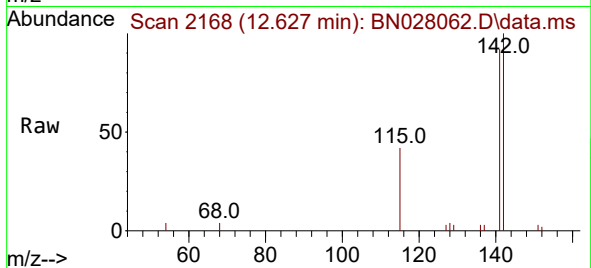
Lab File: BN028062.D

Acq: 05 Oct 2023 23:22

Instrument :

BNA_G

ClientSampleId :

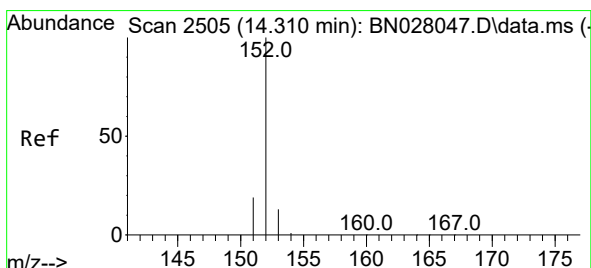
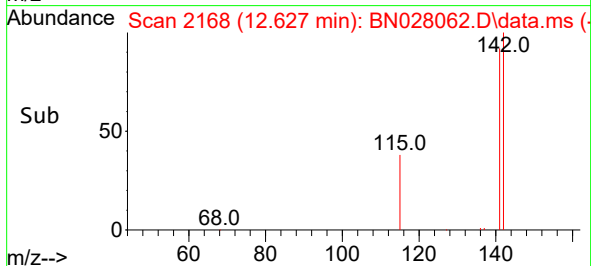
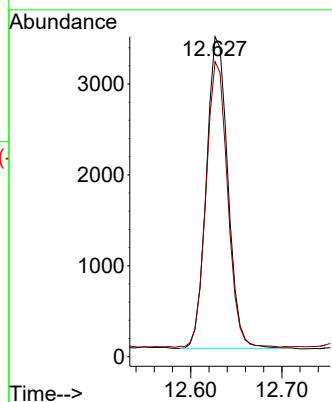


Tgt Ion:142 Resp: 5606

Ion Ratio Lower Upper

142 100

141 91.7 74.4 111.6



#10

Acenaphthylene

Concen: 0.200 ng/ul

RT: 14.310 min Scan# 2505

Delta R.T. -0.009 min

Lab File: BN028062.D

Acq: 05 Oct 2023 23:22

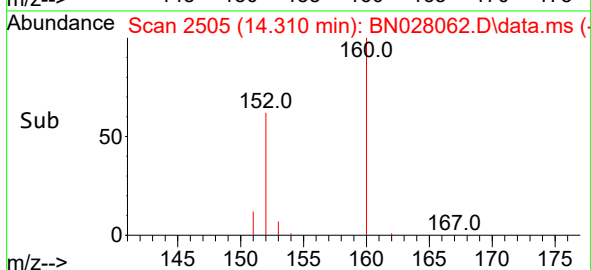
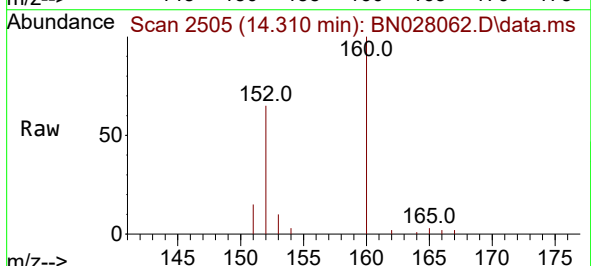
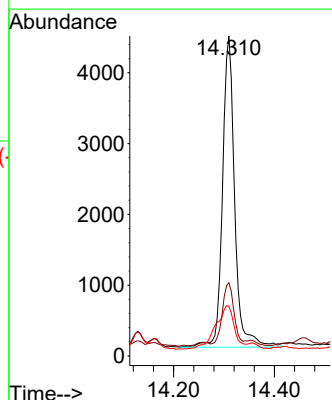
Tgt Ion:152 Resp: 7396

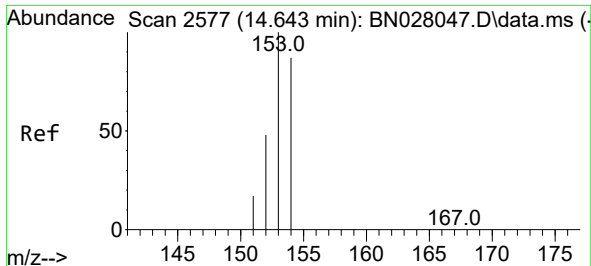
Ion Ratio Lower Upper

152 100

151 22.9 16.4 24.6

153 15.5 10.9 16.3

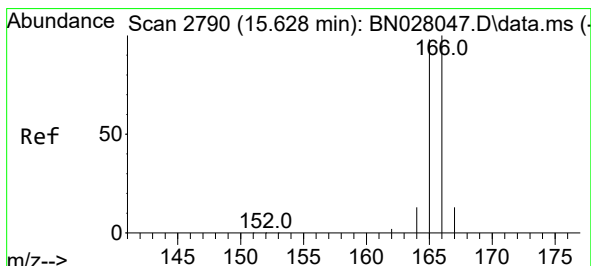
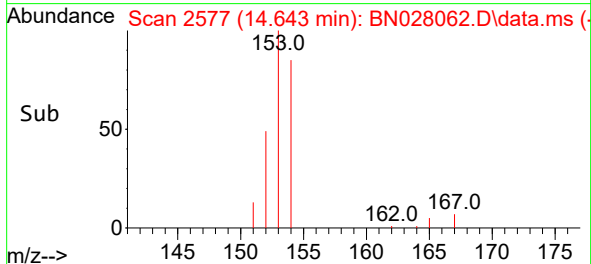
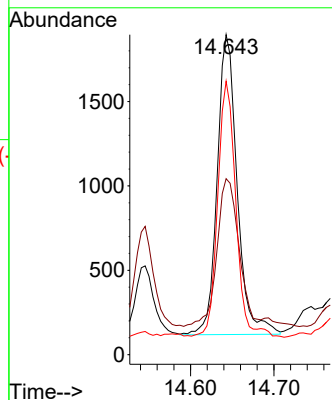
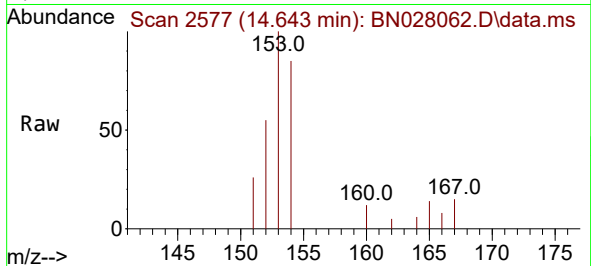




#11
Acenaphthene
Concen: 0.101 ng/ul
RT: 14.643 min Scan# 21
Delta R.T. -0.014 min
Lab File: BN028062.D
Acq: 05 Oct 2023 23:22

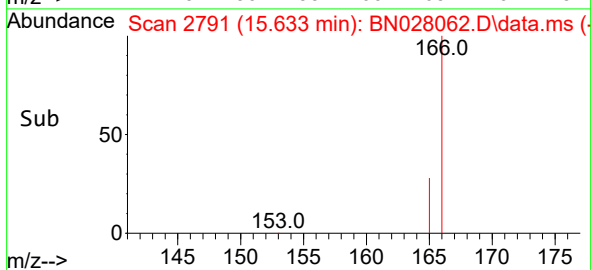
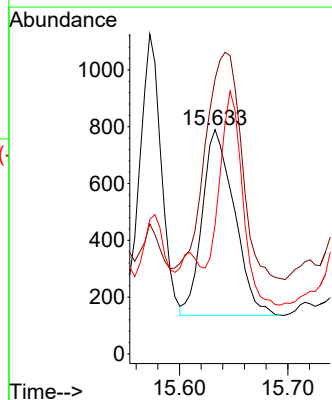
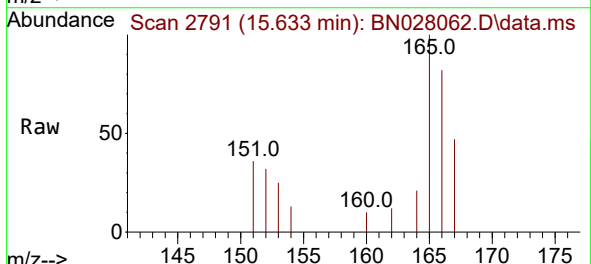
Instrument :
BNA_G
ClientSampleId :

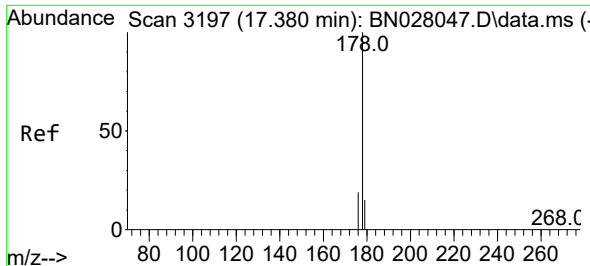
Tgt Ion:153 Resp: 2956
Ion Ratio Lower Upper
153 100
152 55.0 39.4 59.0
154 85.4 70.2 105.4



#12
Fluorene
Concen: 0.041 ng/ul
RT: 15.633 min Scan# 2791
Delta R.T. -0.009 min
Lab File: BN028062.D
Acq: 05 Oct 2023 23:22

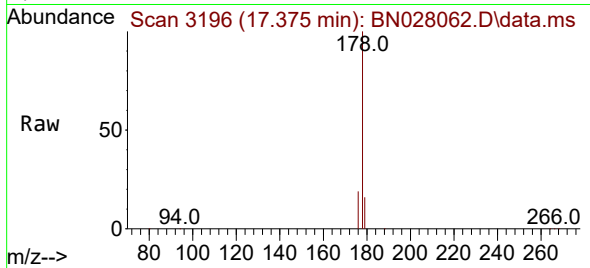
Tgt Ion:166 Resp: 1345
Ion Ratio Lower Upper
166 100
165 122.7 78.5 117.7#
167 57.6 11.2 16.8#



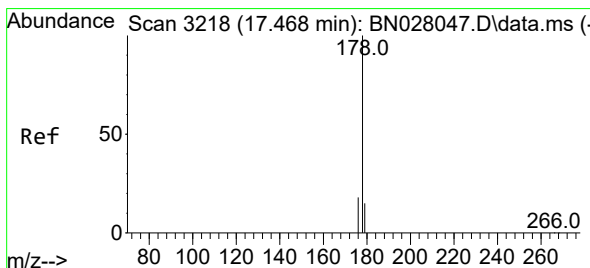
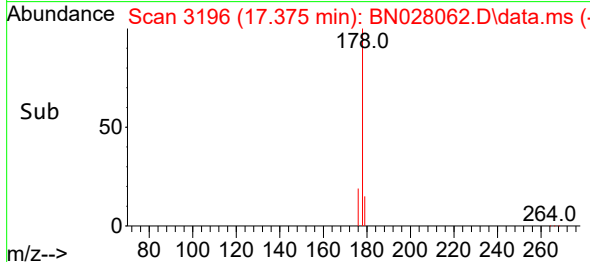
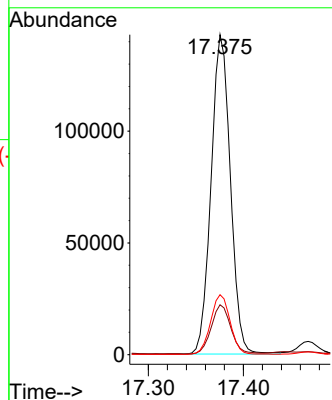


#15
Phenanthrene
Concen: 4.304 ng/ul
RT: 17.375 min Scan# 3196
Delta R.T. -0.012 min
Lab File: BN028062.D
Acq: 05 Oct 2023 23:22

Instrument :
BNA_G
ClientSampleId :

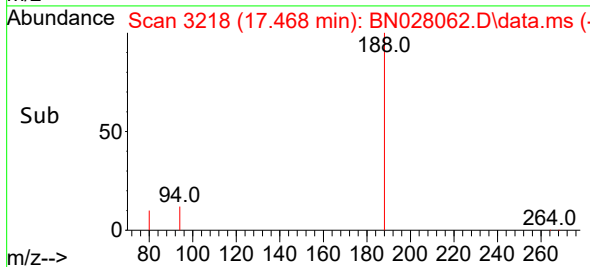
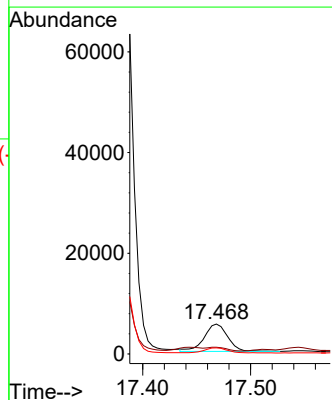
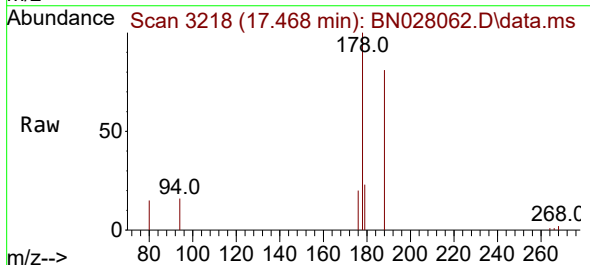


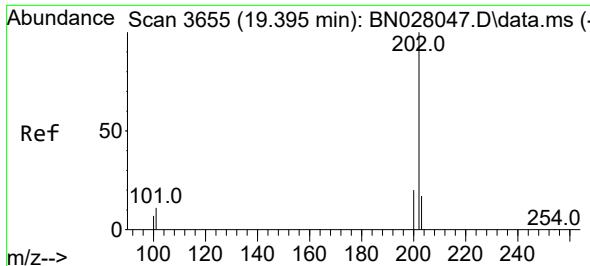
Tgt Ion:178 Resp: 202388
Ion Ratio Lower Upper
178 100
179 15.6 12.6 19.0
176 18.7 15.5 23.3



#16
Anthracene
Concen: 0.194 ng/ul
RT: 17.468 min Scan# 3218
Delta R.T. -0.012 min
Lab File: BN028062.D
Acq: 05 Oct 2023 23:22

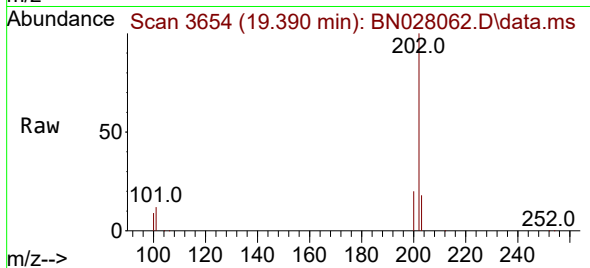
Tgt Ion:178 Resp: 8152
Ion Ratio Lower Upper
178 100
179 22.6 12.8 19.2#
176 20.2 15.0 22.6



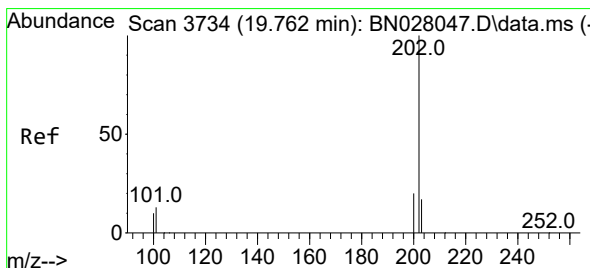
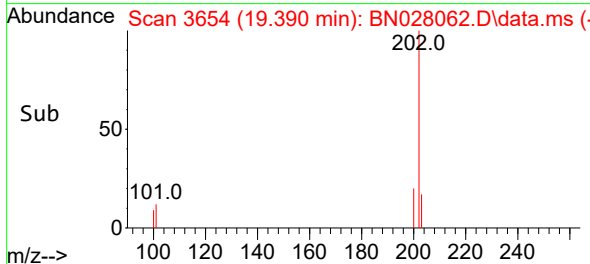
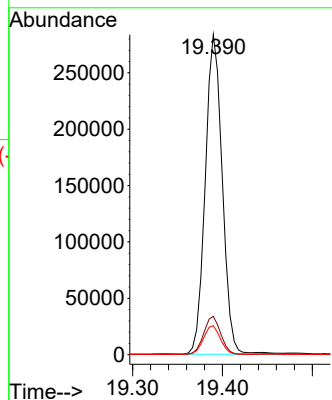


#19
Fluoranthene
Concen: 7.273 ng/ul
RT: 19.390 min Scan# 3655
Delta R.T. -0.014 min
Lab File: BN028062.D
Acq: 05 Oct 2023 23:22

Instrument :
BNA_G
ClientSampleId :

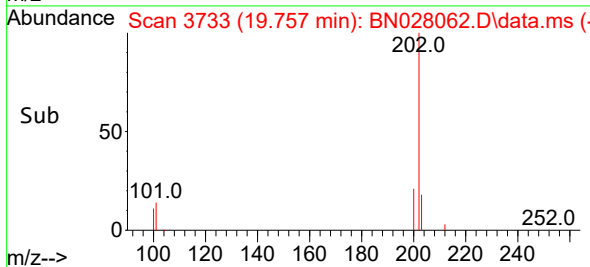
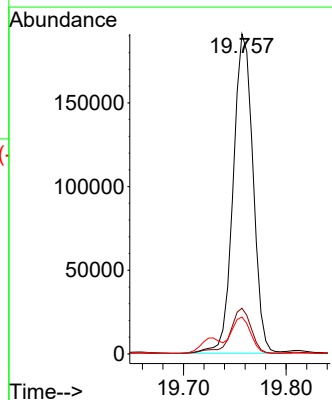
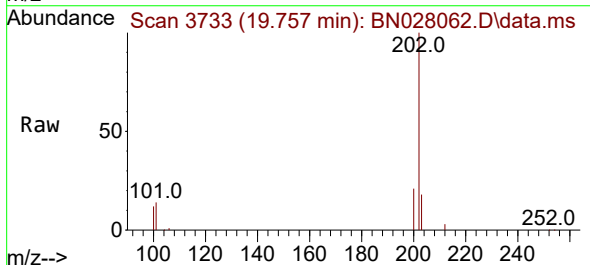


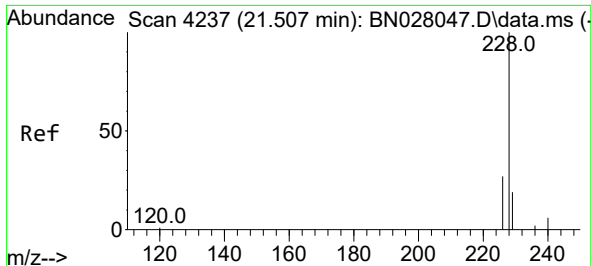
Tgt Ion:202 Resp: 373418
Ion Ratio Lower Upper
202 100
101 11.9 9.6 14.4
100 9.0 7.4 11.0



#20
Pyrene
Concen: 4.808 ng/ul
RT: 19.757 min Scan# 3733
Delta R.T. -0.014 min
Lab File: BN028062.D
Acq: 05 Oct 2023 23:22

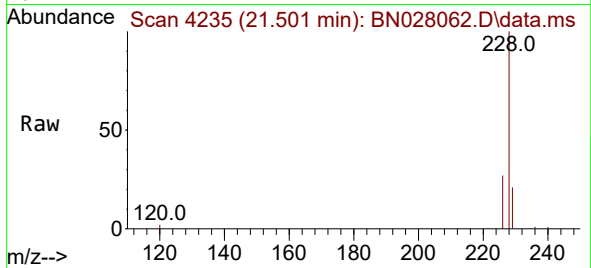
Tgt Ion:202 Resp: 255826
Ion Ratio Lower Upper
202 100
101 14.3 11.2 16.8
100 11.5 9.1 13.7



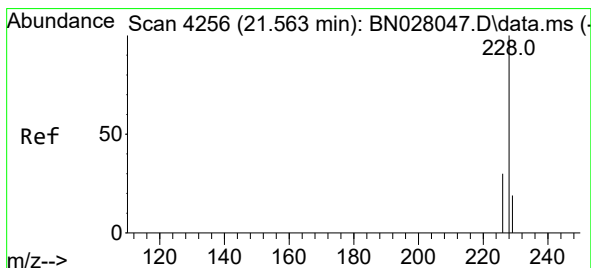
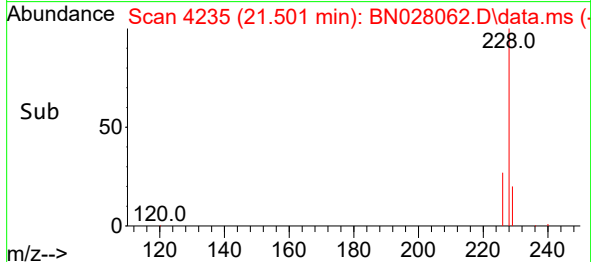
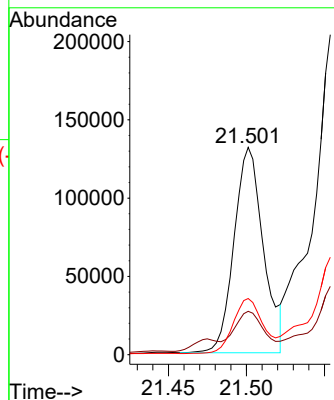


#21
Benzo(a)anthracene
Concen: 3.499 ng/ul
RT: 21.501 min Scan# 41
Delta R.T. -0.017 min
Lab File: BN028062.D
Acq: 05 Oct 2023 23:22

Instrument :
BNA_G
ClientSampleId :

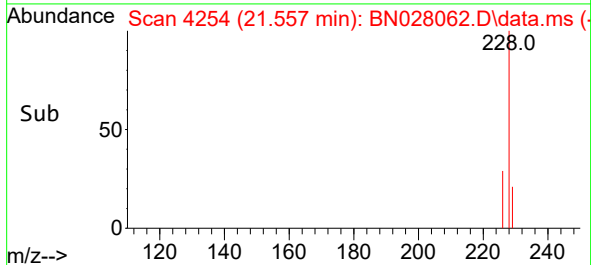
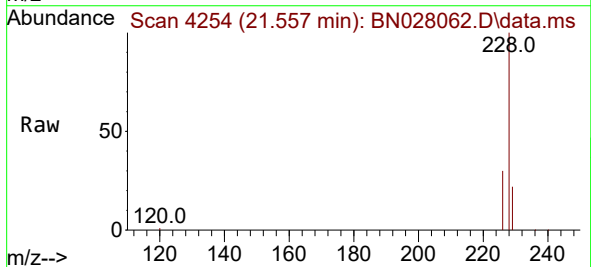
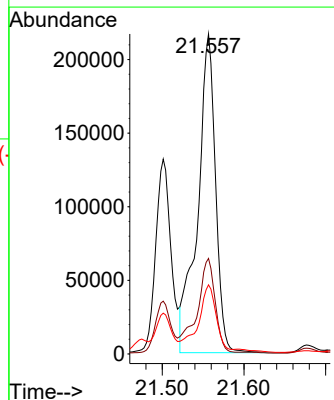


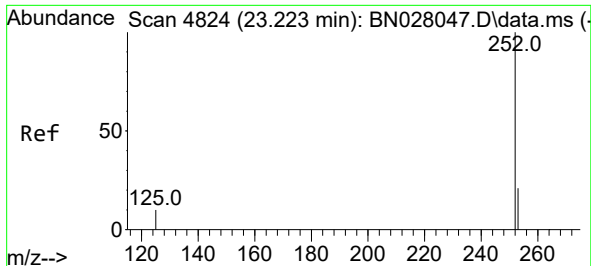
Tgt Ion:228 Resp: 171778
Ion Ratio Lower Upper
228 100
229 20.9 16.0 24.0
226 27.1 21.5 32.3



#22
Chrysene
Concen: 6.651 ng/ul
RT: 21.557 min Scan# 4254
Delta R.T. -0.017 min
Lab File: BN028062.D
Acq: 05 Oct 2023 23:22

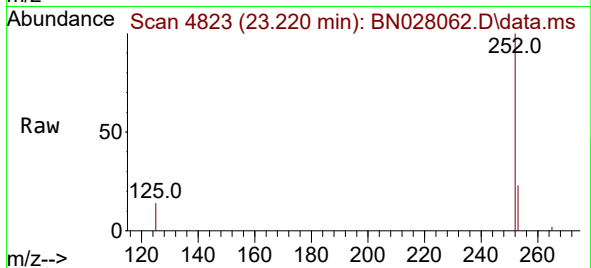
Tgt Ion:228 Resp: 329778
Ion Ratio Lower Upper
228 100
226 29.9 23.8 35.8
229 21.6 16.0 24.0



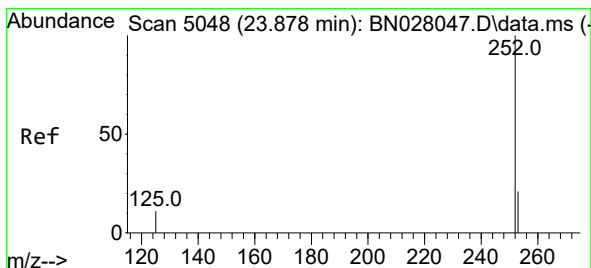
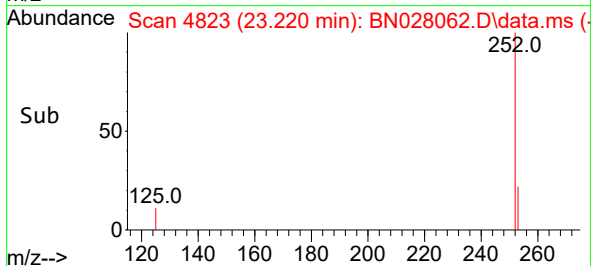
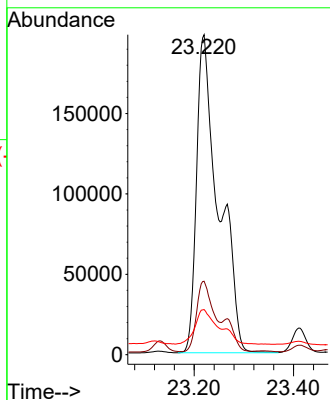


#24
Benzo(b)fluoranthene
Concen: 11.844 ng/ul
RT: 23.220 min Scan# 4824
Delta R.T. -0.020 min
Lab File: BN028062.D
Acq: 05 Oct 2023 23:22

Instrument :
BNA_G
ClientSampleId :

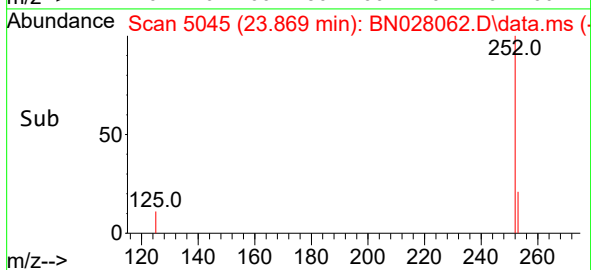
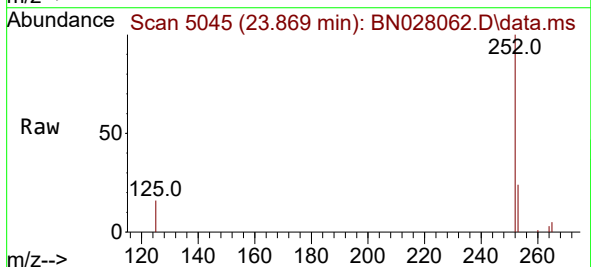
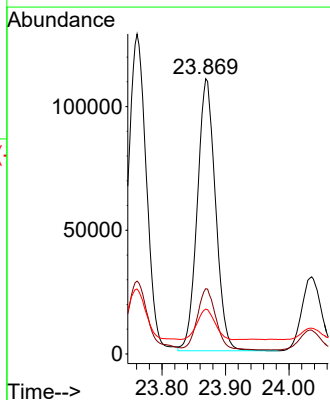


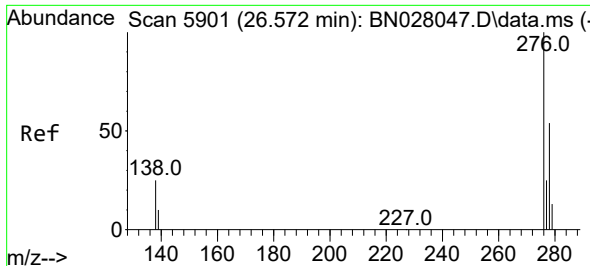
Tgt Ion:252 Resp: 609911
Ion Ratio Lower Upper
252 100
253 23.0 0.0 54.0
125 14.1 0.0 31.4



#26
Benzo(a)pyrene
Concen: 4.998 ng/ul
RT: 23.869 min Scan# 5045
Delta R.T. -0.026 min
Lab File: BN028062.D
Acq: 05 Oct 2023 23:22

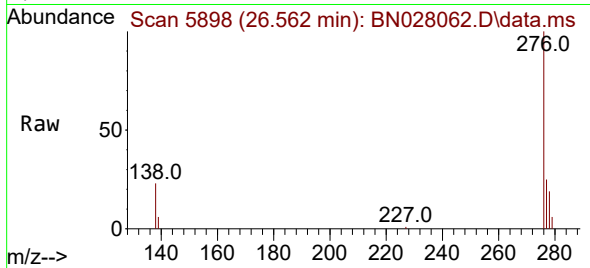
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Ion Ratio Lower Upper
252 100
253 23.7 23.4 35.2
125 16.3 15.3 22.9



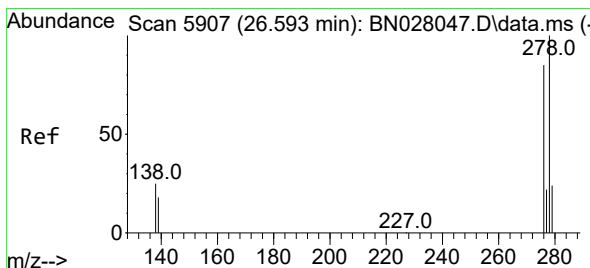
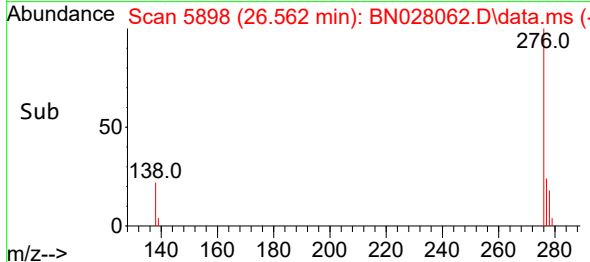
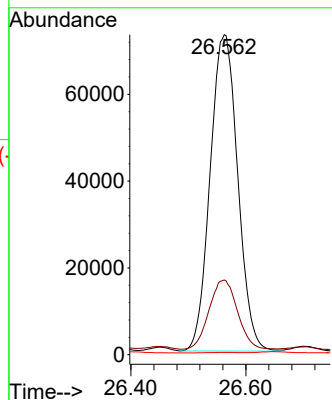


#27
Indeno(1,2,3-cd)pyrene
Concen: 4.574 ng/ul
RT: 26.562 min Scan# 5898
Delta R.T. -0.040 min
Lab File: BN028062.D
Acq: 05 Oct 2023 23:22

Instrument :
BNA_G
ClientSampleId :

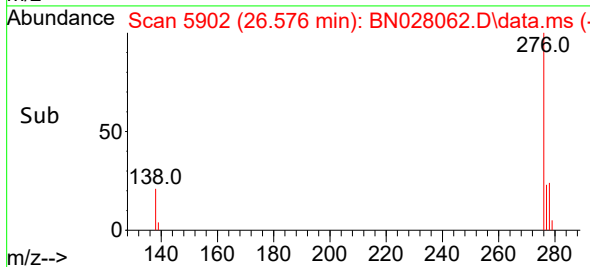
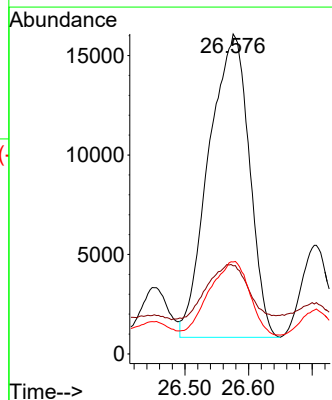
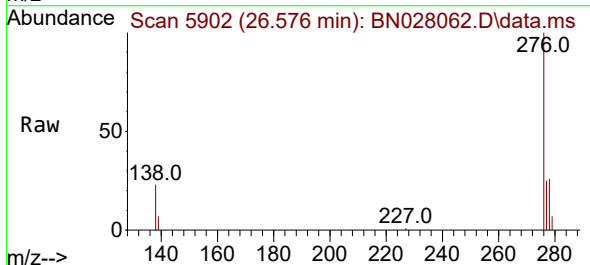


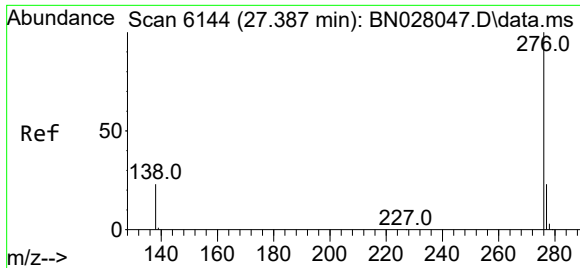
Tgt Ion:276 Resp: 242996
Ion Ratio Lower Upper
276 100
138 22.7 21.6 32.4
227 0.2 0.2 0.2



#28
Dibenzo(a,h)anthracene
Concen: 1.555 ng/ul
RT: 26.576 min Scan# 5902
Delta R.T. -0.043 min
Lab File: BN028062.D
Acq: 05 Oct 2023 23:22

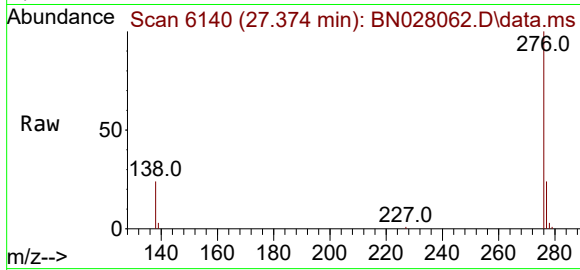
Tgt Ion:278 Resp: 67200
Ion Ratio Lower Upper
278 100
139 27.5 15.9 23.9#
279 28.8 22.8 34.2





#29
 Benzo(g,h,i)perylene
 Concen: 5.814 ng/ul
 RT: 27.374 min Scan# 61
 Delta R.T. -0.047 min
 Lab File: BN028062.D
 Acq: 05 Oct 2023 23:22

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:	276	Resp:	252553
Ion	Ratio	Lower	Upper
276	100		
138	24.1	19.8	29.6
277	24.3	20.6	31.0

