

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100523\
 Data File : BN028077.D
 Acq On : 06 Oct 2023 09:46
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 07 00:29:52 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 : Fri Oct 06 05:15:40 2023
 Response via : Initial Calibration

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

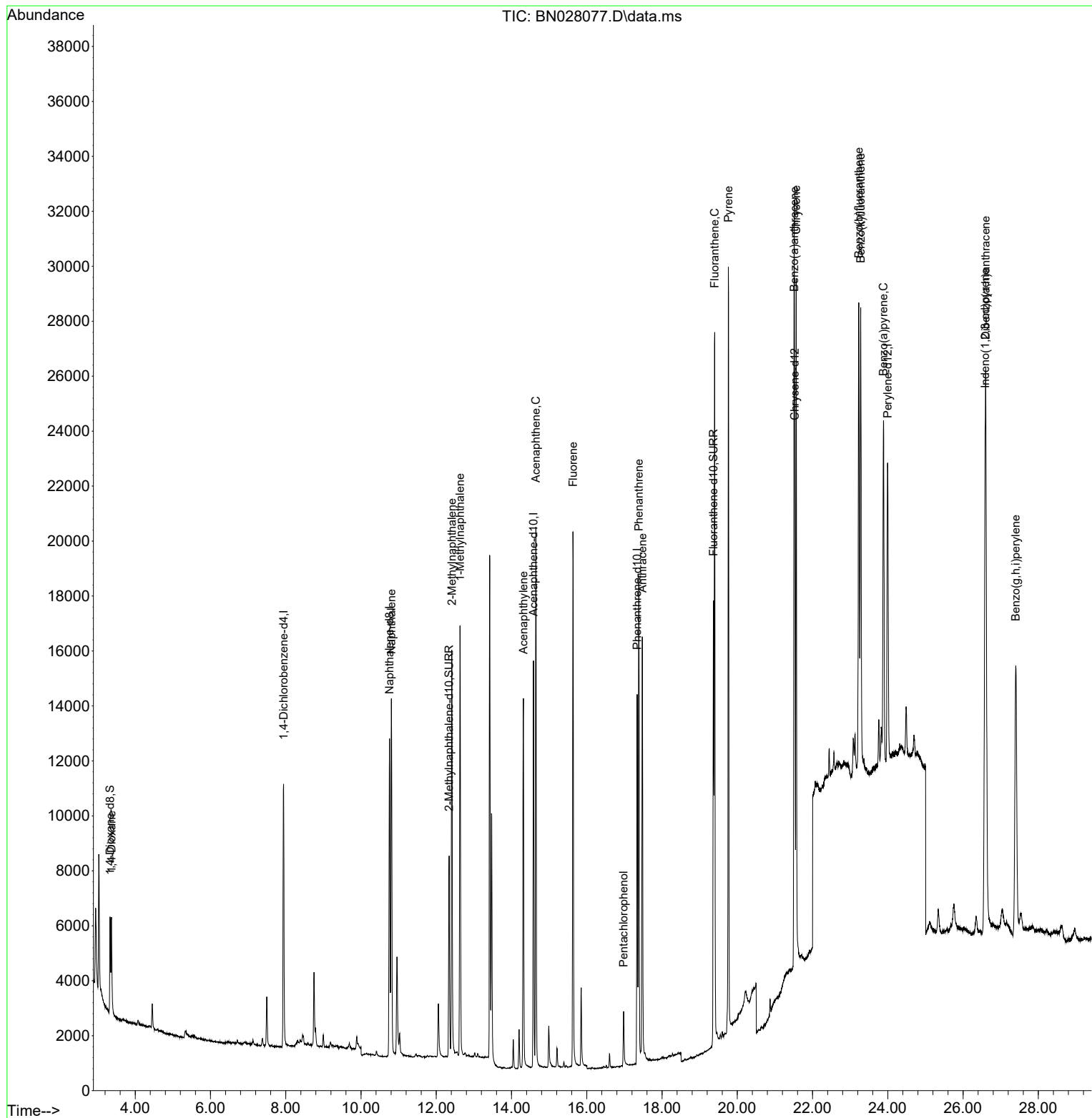
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	5287	0.400	ng/ul	0.00
4) Naphthalene-d8	10.757	136	16024	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.583	164	8350	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.337	188	16058	0.400	ng/ul	0.00
17) Chrysene-d12	21.528	240	14796	0.400	ng/ul	# 0.00
23) Perylene-d12	23.995	264	16997	0.400	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	2586	0.389	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.341	152	9875	0.382	ng/ul	0.00
18) Fluoranthene-d10	19.367	212	18546	0.395	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.368	88	2667	0.379	ng/ul#	88
5) Naphthalene	10.806	128	18117	0.398	ng/ul	100
7) 2-Methylnaphthalene	12.412	142	10928	0.381	ng/ul	99
8) 1-Methylnaphthalene	12.632	142	11118	0.374	ng/ul	100
10) Acenaphthylene	14.314	152	15975	0.422	ng/ul	100
11) Acenaphthene	14.647	153	11638	0.386	ng/ul	99
12) Fluorene	15.633	166	12706	0.379	ng/ul	99
14) Pentachlorophenol	16.979	266	1523	0.442	ng/ul	97
15) Phenanthrene	17.384	178	19051	0.398	ng/ul	100
16) Anthracene	17.477	178	18257	0.426	ng/ul	99
19) Fluoranthene	19.399	202	22380	0.396	ng/ul	100
20) Pyrene	19.762	202	23806	0.407	ng/ul	97
21) Benzo(a)anthracene	21.510	228	22335	0.413	ng/ul	93
22) Chrysene	21.565	228	21742	0.398	ng/ul#	93
24) Benzo(b)fluoranthene	23.229	252	23419	0.372	ng/ul#	78
25) Benzo(k)fluoranthene	23.278	252	23182	0.370	ng/ul#	79
26) Benzo(a)pyrene	23.884	252	20643	0.384	ng/ul#	75
27) Indeno(1,2,3-cd)pyrene	26.586	276	28308	0.435	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.603	278	22890	0.433	ng/ul#	81
29) Benzo(g,h,i)perylene	27.401	276	23382	0.440	ng/ul#	87

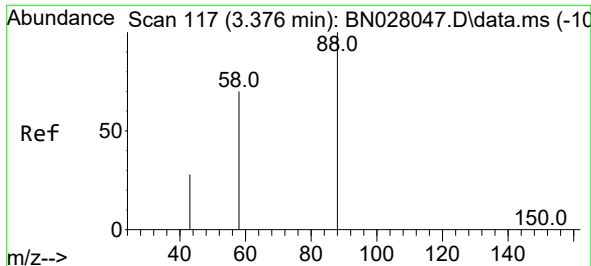
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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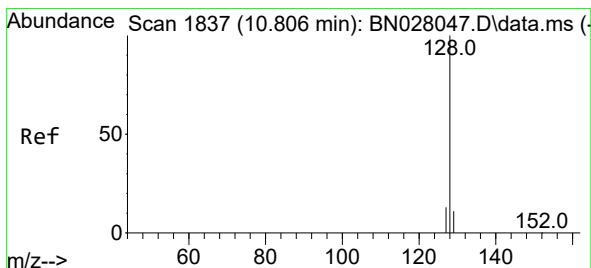
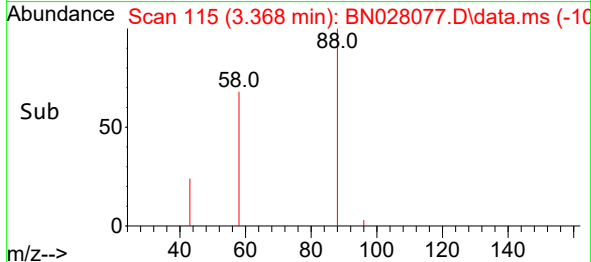
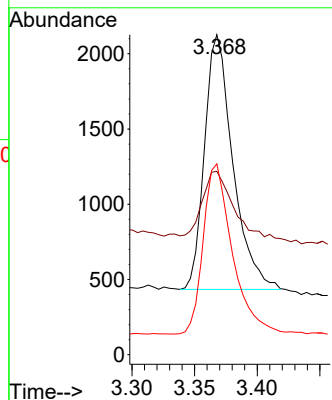
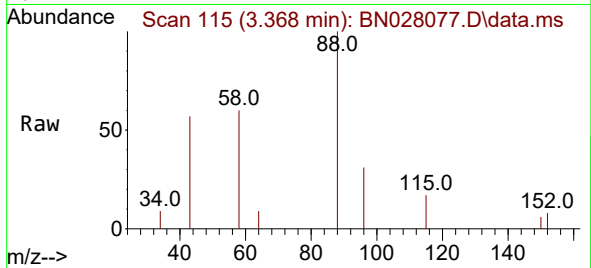




#2
1,4-Dioxane
Concen: 0.379 ng/ul
RT: 3.368 min Scan# 117
Delta R.T. 0.004 min
Lab File: BN028077.D
Acq: 06 Oct 2023 09:46

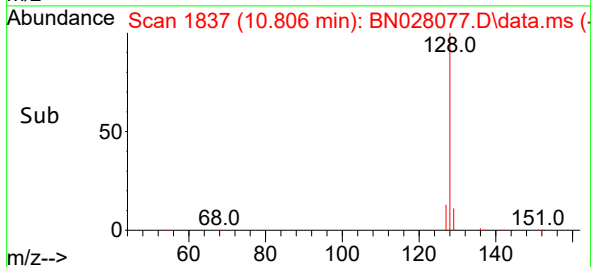
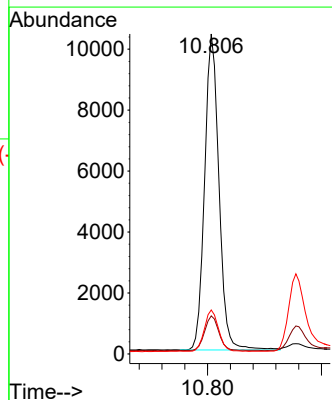
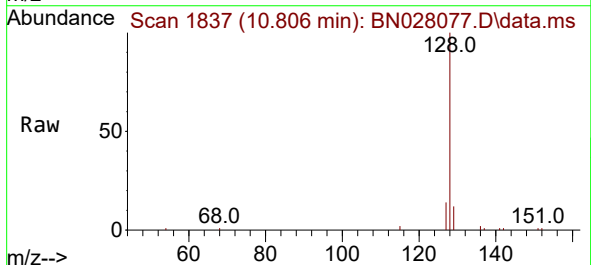
Instrument :
BNA_G
ClientSampleId :

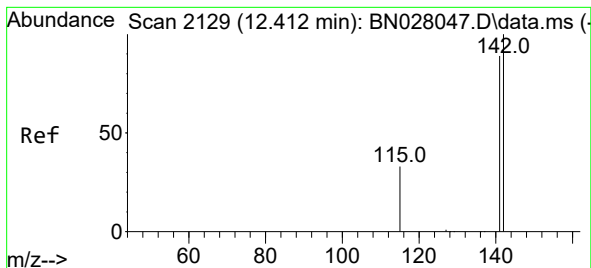
Tgt Ion: 88 Resp: 2667
Ion Ratio Lower Upper
88 100
43 57.3 33.4 50.2#
58 59.7 45.7 68.5



#5
Naphthalene
Concen: 0.398 ng/ul
RT: 10.806 min Scan# 1837
Delta R.T. 0.000 min
Lab File: BN028077.D
Acq: 06 Oct 2023 09:46

Tgt Ion: 128 Resp: 18117
Ion Ratio Lower Upper
128 100
129 11.9 9.4 14.0
127 13.8 11.0 16.4

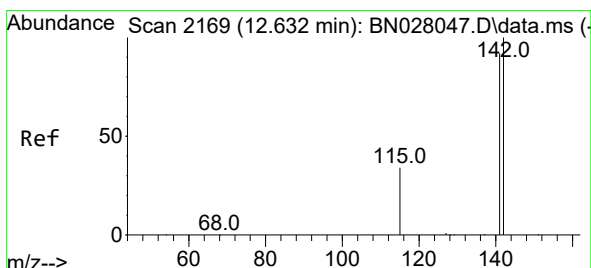
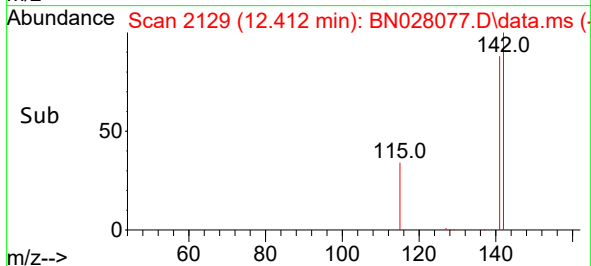
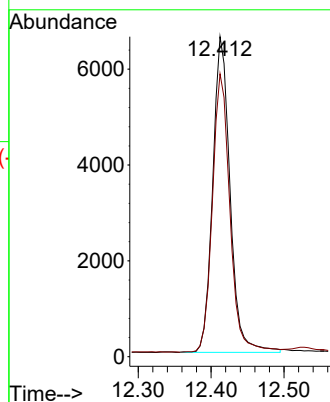
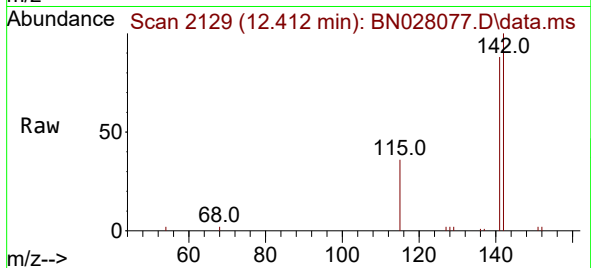




#7
2-Methylnaphthalene
Concen: 0.381 ng/ul
RT: 12.412 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BN028077.D
Acq: 06 Oct 2023 09:46

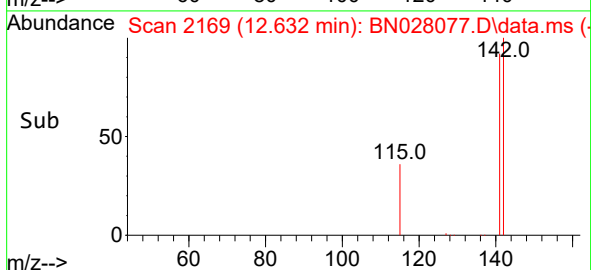
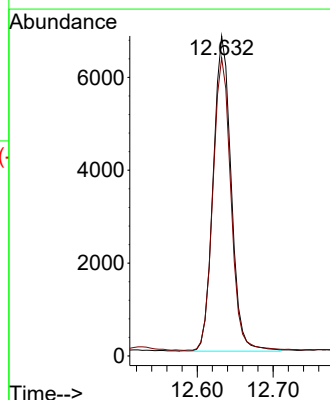
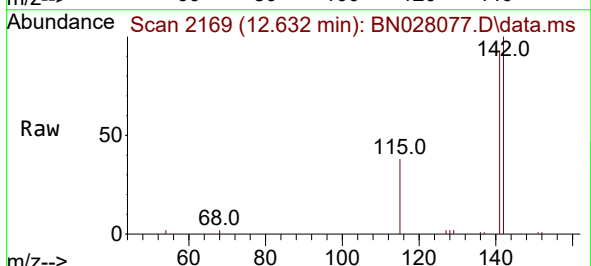
Instrument :
BNA_G
ClientSampleId :

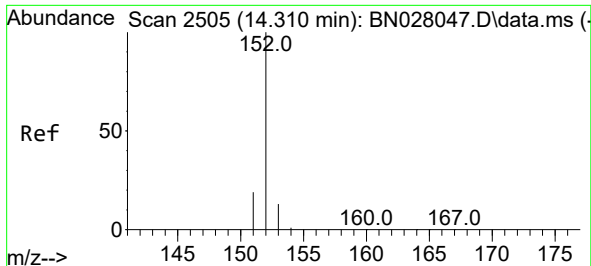
Tgt Ion:142 Resp: 10928
Ion Ratio Lower Upper
142 100
141 89.2 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.374 ng/ul
RT: 12.632 min Scan# 2169
Delta R.T. 0.006 min
Lab File: BN028077.D
Acq: 06 Oct 2023 09:46

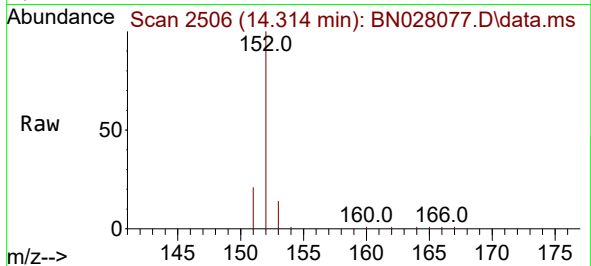
Tgt Ion:142 Resp: 11118
Ion Ratio Lower Upper
142 100
141 92.6 74.4 111.6



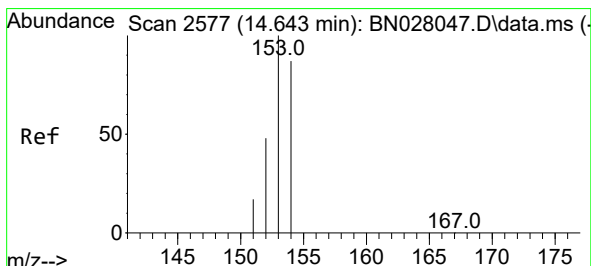
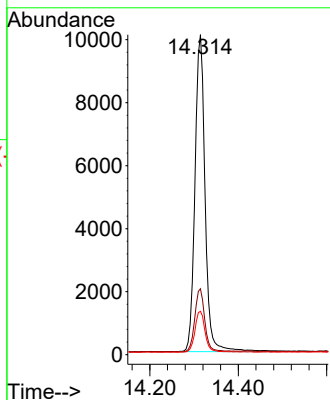
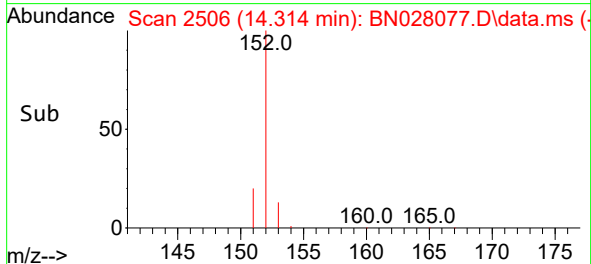


#10
Acenaphthylene
Concen: 0.422 ng/ul
RT: 14.314 min Scan# 2506
Delta R.T. 0.005 min
Lab File: BN028077.D
Acq: 06 Oct 2023 09:46

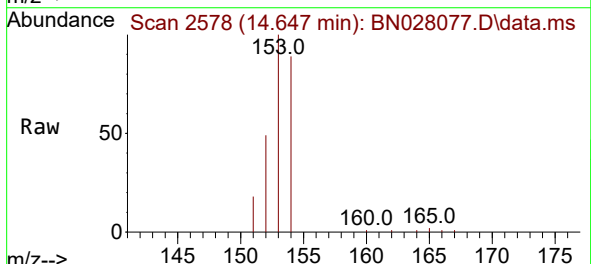
Instrument :
BNA_G
ClientSampleId :



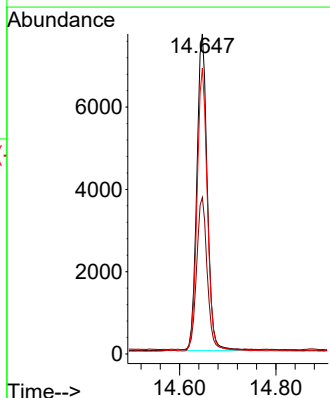
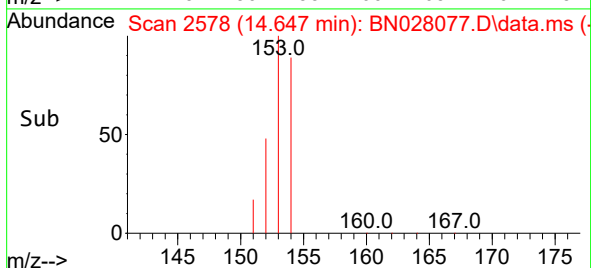
Tgt Ion:152 Resp: 15975
Ion Ratio Lower Upper
152 100
151 20.6 16.4 24.6
153 13.6 10.9 16.3

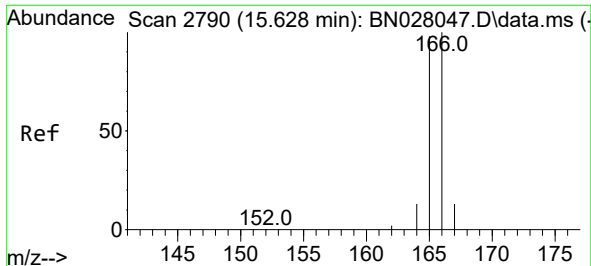


#11
Acenaphthene
Concen: 0.386 ng/ul
RT: 14.647 min Scan# 2578
Delta R.T. 0.005 min
Lab File: BN028077.D
Acq: 06 Oct 2023 09:46



Tgt Ion:153 Resp: 11638
Ion Ratio Lower Upper
153 100
152 48.9 39.4 59.0
154 89.3 70.2 105.4

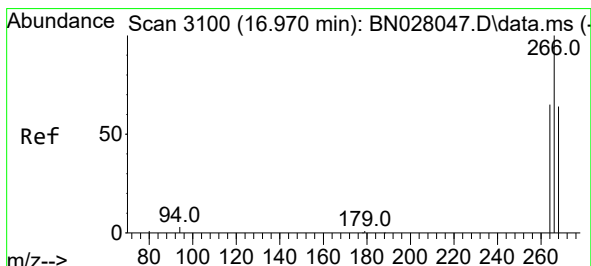
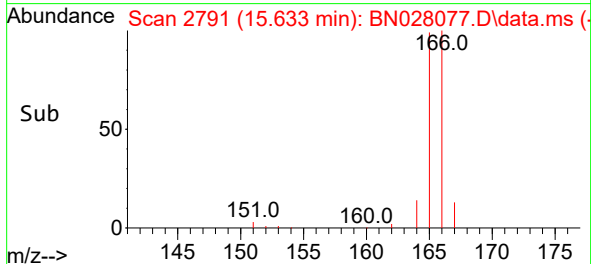
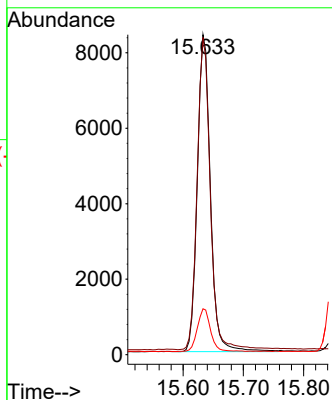
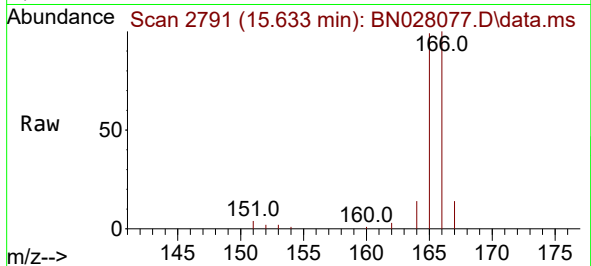




#12
 Fluorene
 Concen: 0.379 ng/ul
 RT: 15.633 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN028077.D
 Acq: 06 Oct 2023 09:46

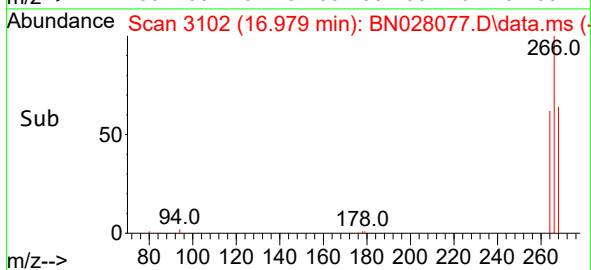
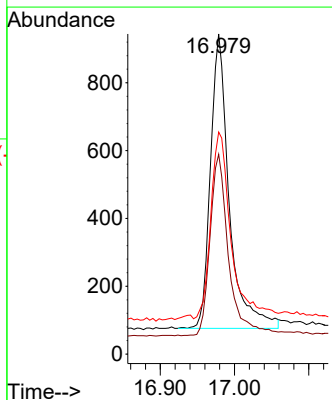
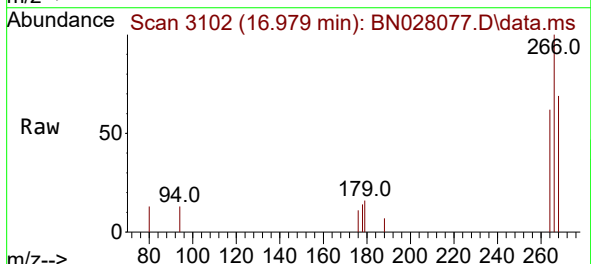
Instrument :
 BNA_G
 ClientSampleId :

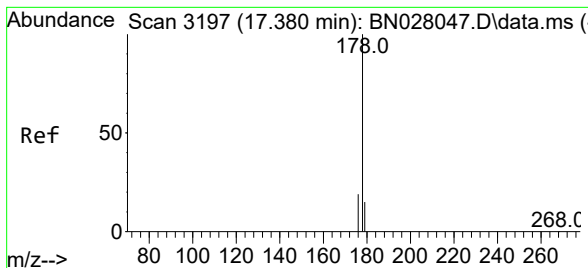
Tgt Ion:166 Resp: 12706
 Ion Ratio Lower Upper
 166 100
 165 99.1 78.5 117.7
 167 14.3 11.2 16.8



#14
 Pentachlorophenol
 Concen: 0.442 ng/ul
 RT: 16.979 min Scan# 3102
 Delta R.T. 0.009 min
 Lab File: BN028077.D
 Acq: 06 Oct 2023 09:46

Tgt Ion:266 Resp: 1523
 Ion Ratio Lower Upper
 266 100
 264 61.3 49.6 74.4
 268 68.7 52.2 78.4





#15

Phenanthrene

Concen: 0.398 ng/ul

RT: 17.384 min Scan# 3197

Delta R.T. 0.009 min

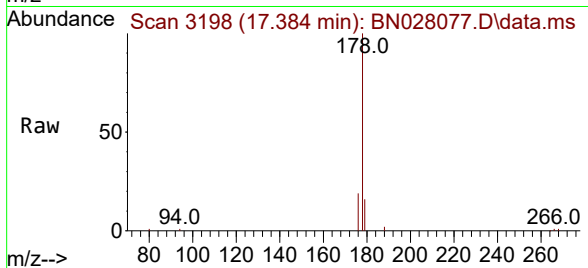
Lab File: BN028077.D

Acq: 06 Oct 2023 09:46

Instrument :

BNA_G

ClientSampleId :



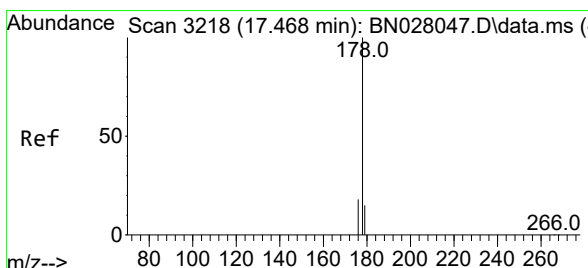
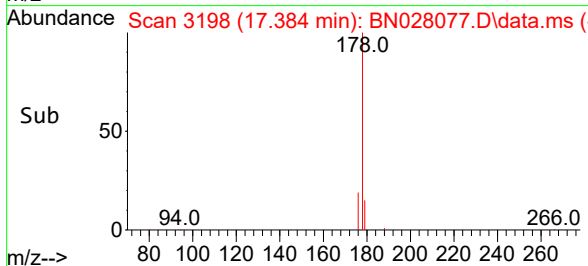
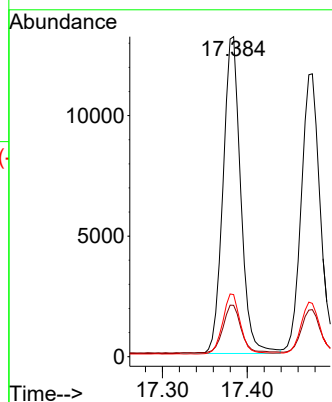
Tgt Ion:178 Resp: 19051

Ion Ratio Lower Upper

178 100

179 16.0 12.6 19.0

176 19.4 15.5 23.3



#16

Anthracene

Concen: 0.426 ng/ul

RT: 17.477 min Scan# 3220

Delta R.T. 0.009 min

Lab File: BN028077.D

Acq: 06 Oct 2023 09:46

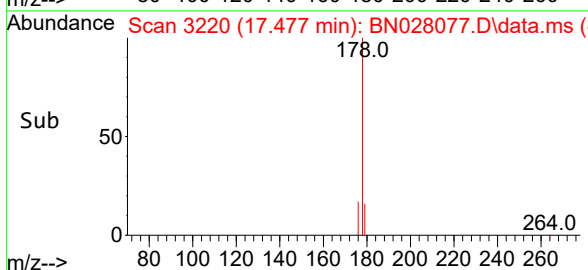
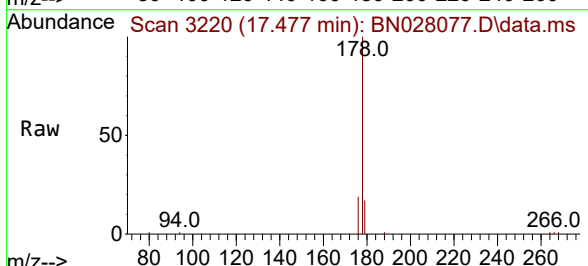
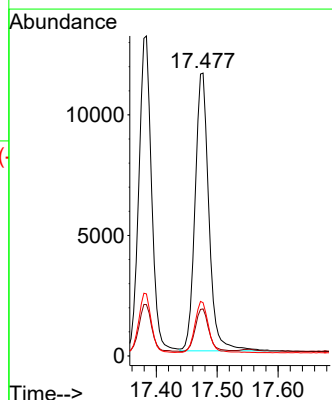
Tgt Ion:178 Resp: 18257

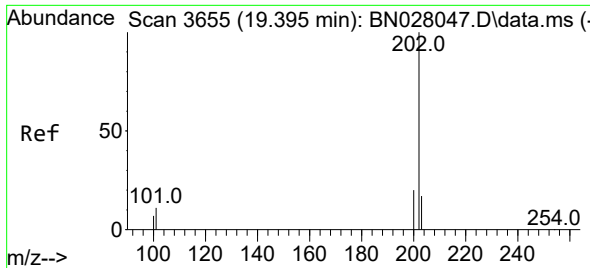
Ion Ratio Lower Upper

178 100

179 16.6 12.8 19.2

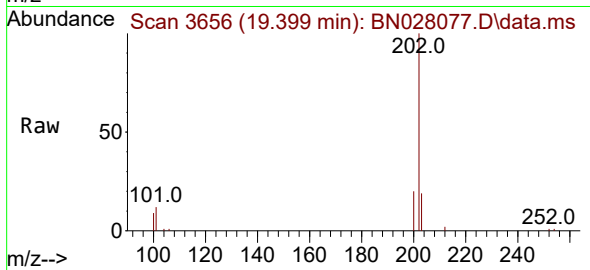
176 18.9 15.0 22.6



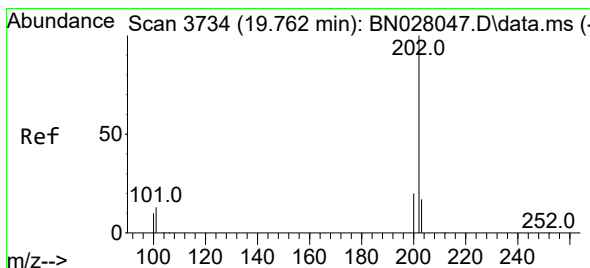
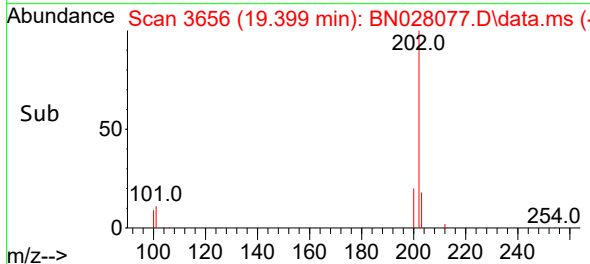
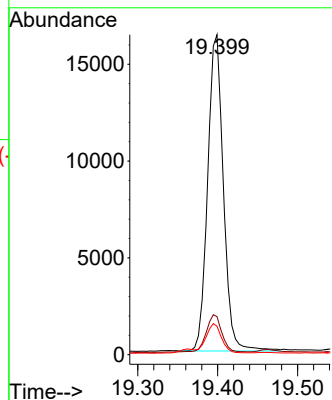


#19
Fluoranthene
Concen: 0.396 ng/ul
RT: 19.399 min Scan# 3656
Delta R.T. 0.009 min
Lab File: BN028077.D
Acq: 06 Oct 2023 09:46

Instrument :
BNA_G
ClientSampleId :

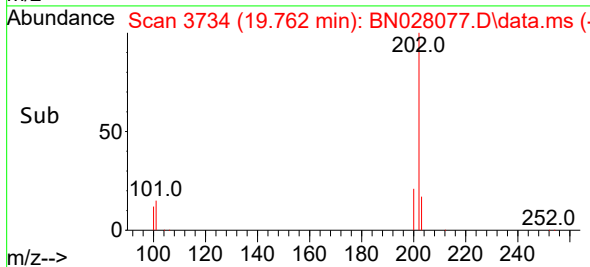
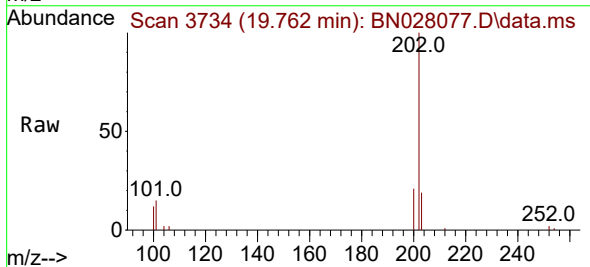
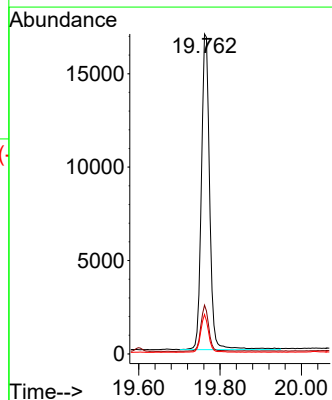


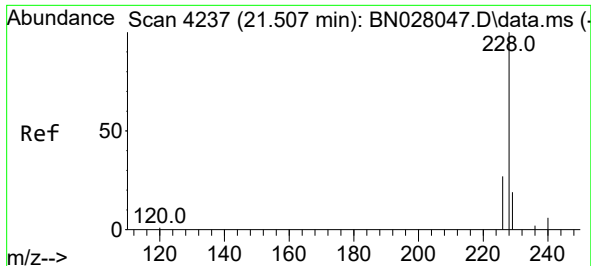
Tgt Ion:202 Resp: 22380
Ion Ratio Lower Upper
202 100
101 11.9 9.6 14.4
100 8.9 7.4 11.0



#20
Pyrene
Concen: 0.407 ng/ul
RT: 19.762 min Scan# 3734
Delta R.T. 0.005 min
Lab File: BN028077.D
Acq: 06 Oct 2023 09:46

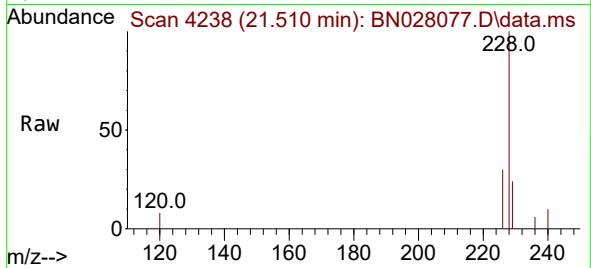
Tgt Ion:202 Resp: 23806
Ion Ratio Lower Upper
202 100
101 15.2 11.2 16.8
100 12.3 9.1 13.7



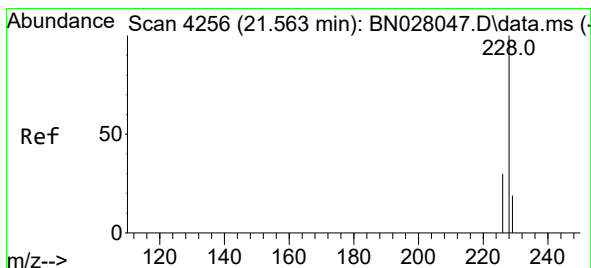
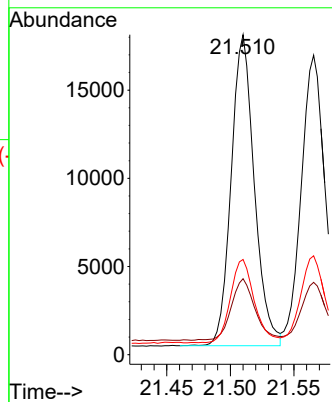
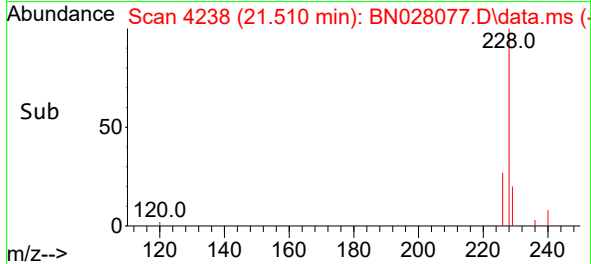


#21
Benzo(a)anthracene
Concen: 0.413 ng/ul
RT: 21.510 min Scan# 41
Delta R.T. 0.009 min
Lab File: BN028077.D
Acq: 06 Oct 2023 09:46

Instrument :
BNA_G
ClientSampleId :

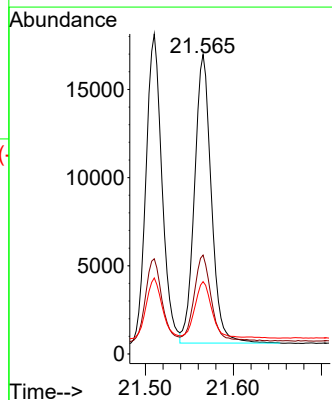
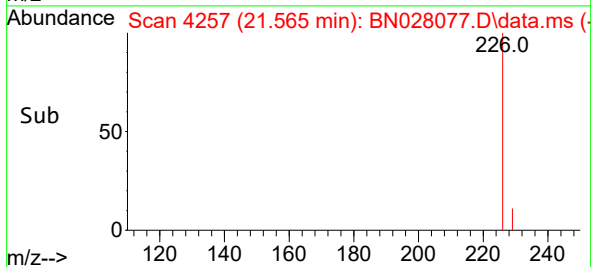
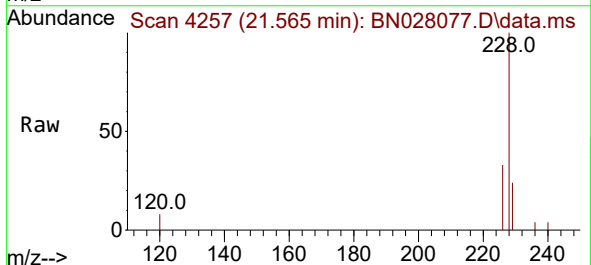


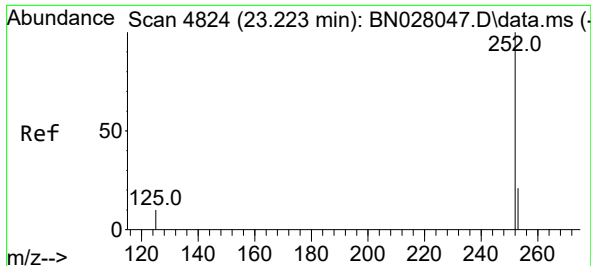
Tgt Ion:228 Resp: 22335
Ion Ratio Lower Upper
228 100
229 23.8 16.0 24.0
226 29.7 21.5 32.3



#22
Chrysene
Concen: 0.398 ng/ul
RT: 21.565 min Scan# 4257
Delta R.T. 0.009 min
Lab File: BN028077.D
Acq: 06 Oct 2023 09:46

Tgt Ion:228 Resp: 21742
Ion Ratio Lower Upper
228 100
226 33.0 23.8 35.8
229 24.1 16.0 24.0#

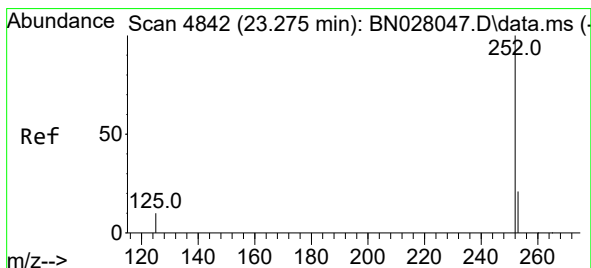
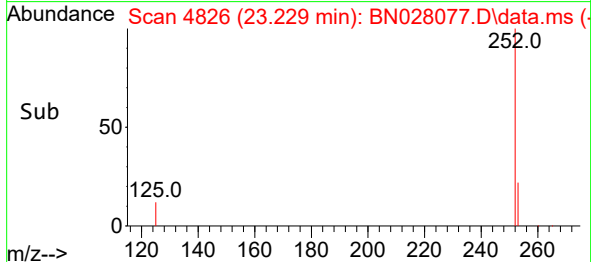
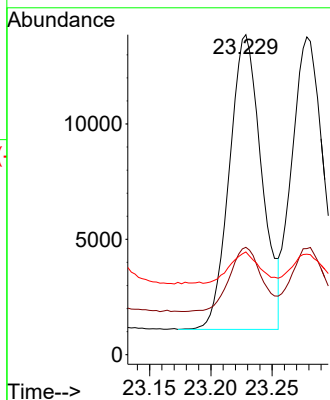
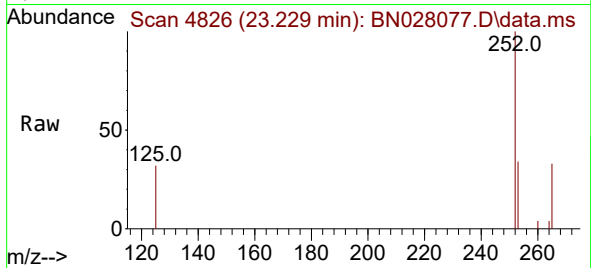




#24
Benzo(b)fluoranthene
Concen: 0.372 ng/ul
RT: 23.229 min Scan# 4824
Delta R.T. 0.012 min
Lab File: BN028077.D
Acq: 06 Oct 2023 09:46

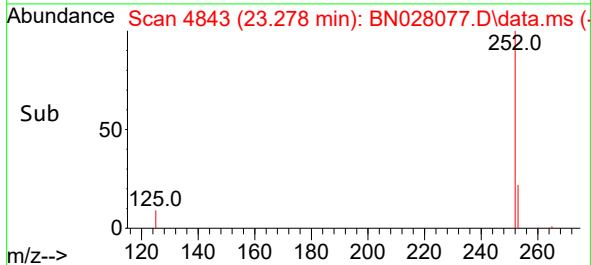
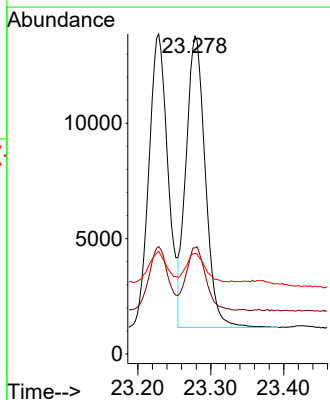
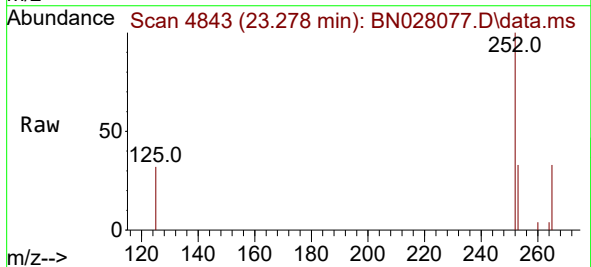
Instrument :
BNA_G
ClientSampleId :

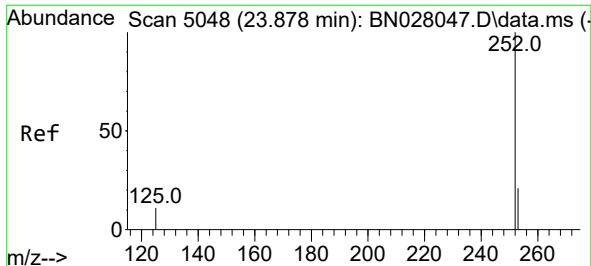
Tgt Ion:252 Resp: 23419
Ion Ratio Lower Upper
252 100
253 33.5 0.0 54.0
125 32.1 0.0 31.4#



#25
Benzo(k)fluoranthene
Concen: 0.370 ng/ul
RT: 23.278 min Scan# 4843
Delta R.T. 0.012 min
Lab File: BN028077.D
Acq: 06 Oct 2023 09:46

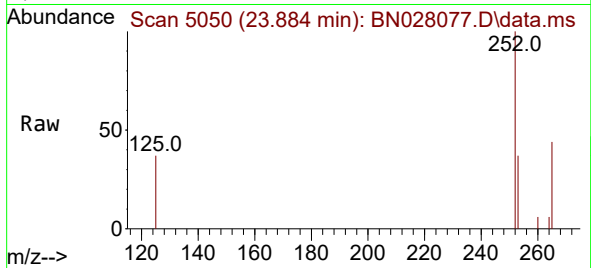
Tgt Ion:252 Resp: 23182
Ion Ratio Lower Upper
252 100
253 33.4 21.8 32.8#
125 31.6 12.8 19.2#



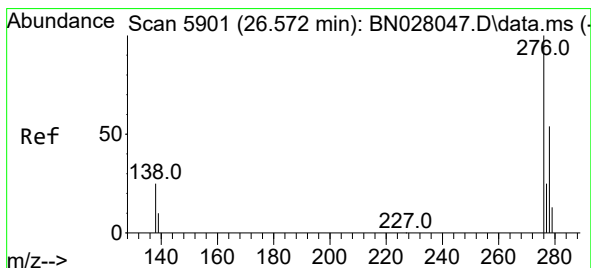
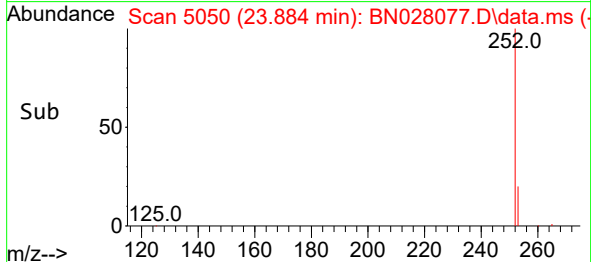
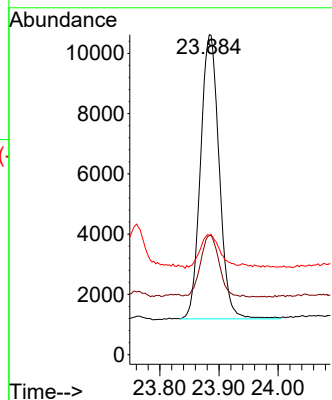


#26
Benzo(a)pyrene
Concen: 0.384 ng/ul
RT: 23.884 min Scan# 5048
Delta R.T. 0.015 min
Lab File: BN028077.D
Acq: 06 Oct 2023 09:46

Instrument :
BNA_G
ClientSampleId :

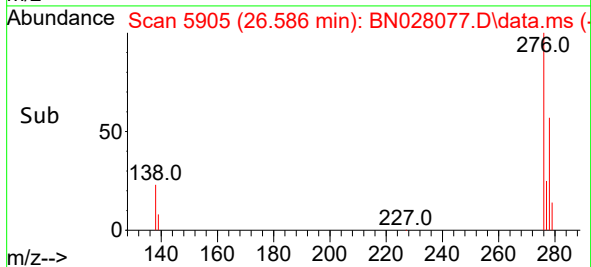
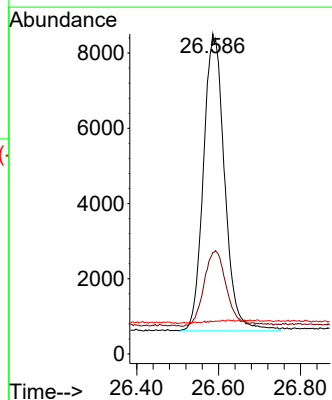
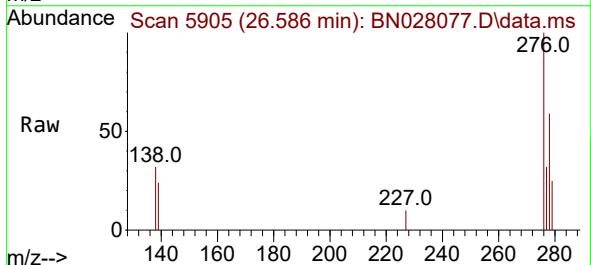


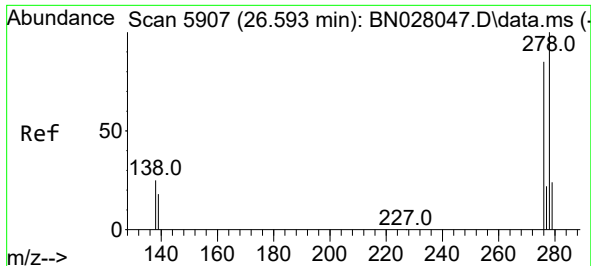
Tgt Ion:252 Resp: 20643
Ion Ratio Lower Upper
252 100
253 37.1 23.4 35.2#
125 37.3 15.3 22.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.435 ng/ul
RT: 26.586 min Scan# 5905
Delta R.T. 0.020 min
Lab File: BN028077.D
Acq: 06 Oct 2023 09:46

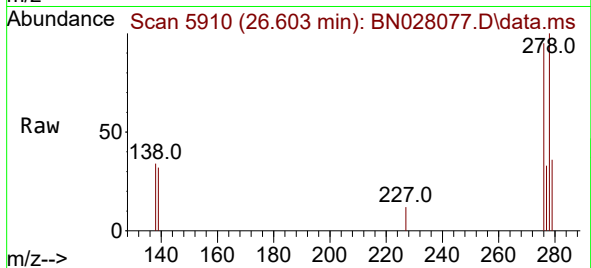
Tgt Ion:276 Resp: 28308
Ion Ratio Lower Upper
276 100
138 27.8 21.6 32.4
227 0.1 0.2 0.2#



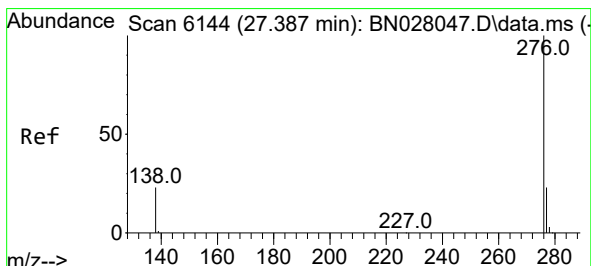
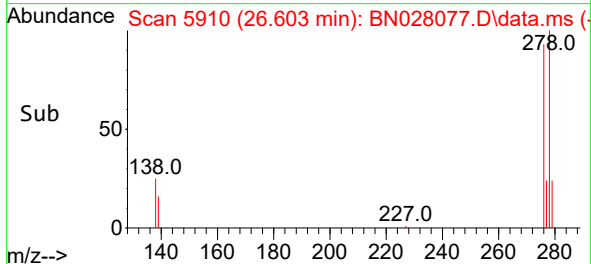
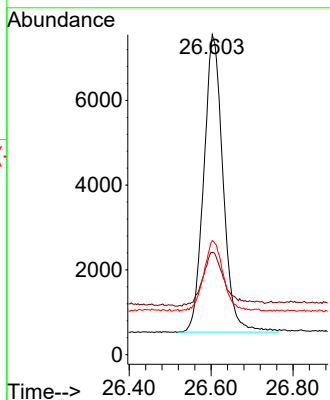


#28
 Dibenzo(a,h)anthracene
 Concen: 0.433 ng/ul
 RT: 26.603 min Scan# 5910
 Delta R.T. 0.020 min
 Lab File: BN028077.D
 Acq: 06 Oct 2023 09:46

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:278 Resp: 22890
 Ion Ratio Lower Upper
 278 100
 139 31.9 15.9 23.9#
 279 35.6 22.8 34.2#



#29
 Benzo(g,h,i)perylene
 Concen: 0.440 ng/ul
 RT: 27.401 min Scan# 6148
 Delta R.T. 0.024 min
 Lab File: BN028077.D
 Acq: 06 Oct 2023 09:46

Tgt Ion:276 Resp: 23382
 Ion Ratio Lower Upper
 276 100
 138 31.1 19.8 29.6#
 277 32.6 20.6 31.0#

