

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100523\
 Data File : BN028060.D
 Acq On : 05 Oct 2023 22:09
 Operator : MA/JU
 Sample : 04527-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 06 04:26:13 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)

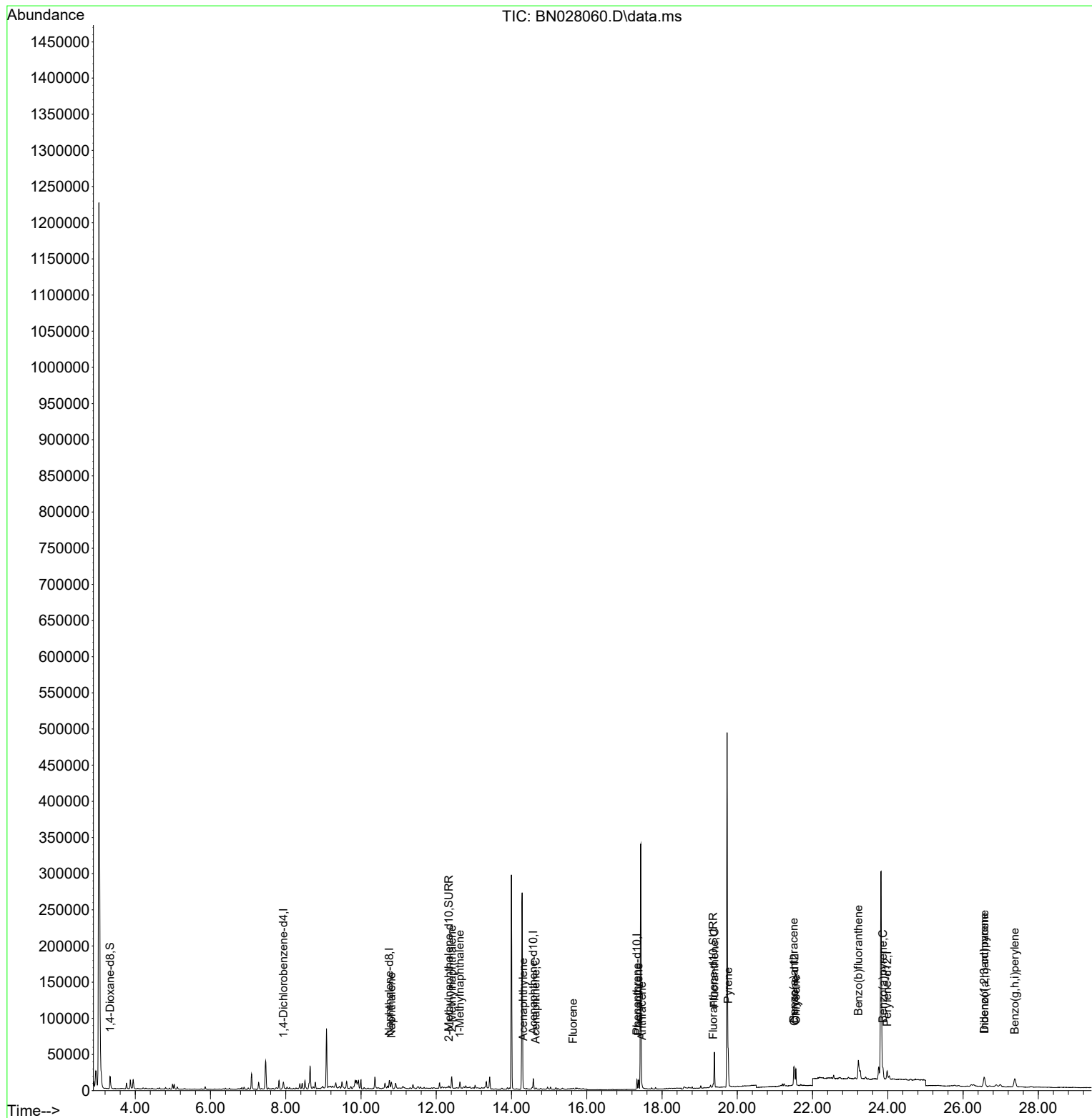
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	4763	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.751	136	14537	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.578	164	7978	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.333	188	15917	0.400	ng/ul	#-0.02
17) Chrysene-d12	21.519	240	13520	0.400	ng/ul	#-0.02
23) Perylene-d12	23.983	264	15342	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	13084	2.187	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.335	152	2769	0.118	ng/ul	-0.02
18) Fluoranthene-d10	19.362	212	5006	0.117	ng/ul	0.00
Target Compounds				Qvalue		
5) Naphthalene	10.806	128	9788	0.237	ng/ul#	92
7) 2-Methylnaphthalene	12.412	142	11279	0.433	ng/ul	99
8) 1-Methylnaphthalene	12.627	142	5158	0.191	ng/ul	100
10) Acenaphthylene	14.310	152	1188	0.033	ng/ul#	39
11) Acenaphthene	14.643	153	1385	0.048	ng/ul#	83
12) Fluorene	15.633	166	810	0.025	ng/ul#	63
15) Phenanthrene	17.375	178	13834	0.292	ng/ul	96
16) Anthracene	17.468	178	2878	0.068	ng/ul#	79
19) Fluoranthene	19.390	202	40999	0.794	ng/ul	99
20) Pyrene	19.757	202	39793	0.744	ng/ul	98
21) Benzo(a)anthracene	21.501	228	21048	0.426	ng/ul#	89
22) Chrysene	21.557	228	26300	0.528	ng/ul#	88
24) Benzo(b)fluoranthene	23.217	252	60177	1.058	ng/ul#	67
26) Benzo(a)pyrene	23.869	252	21340	0.440	ng/ul#	48
27) Indeno(1,2,3-cd)pyrene	26.559	276	23440	0.399	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.572	278	6226	0.130	ng/ul#	1
29) Benzo(g,h,i)perylene	27.374	276	25948	0.541	ng/ul#	84

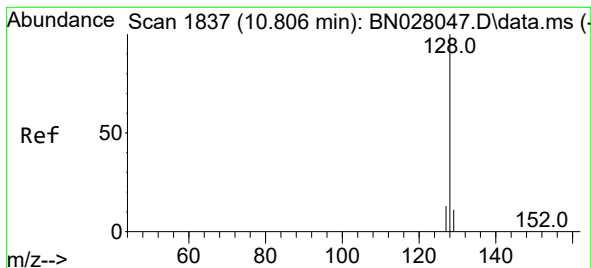
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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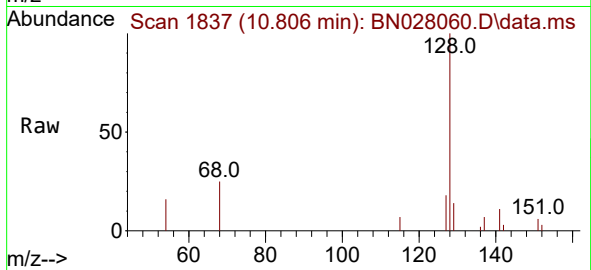
Quant Time: Oct 06 04:26:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN100323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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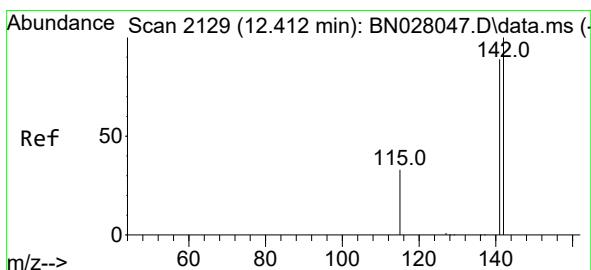
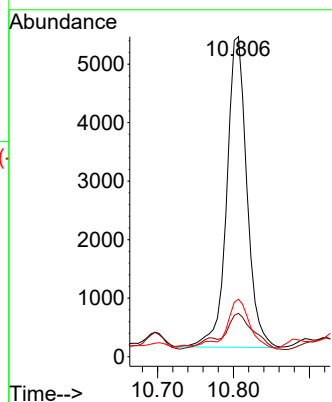
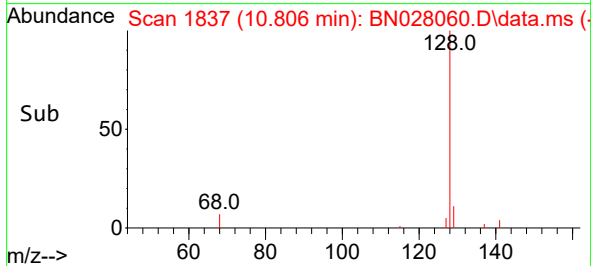


#5
Naphthalene
Concen: 0.237 ng/ul
RT: 10.806 min Scan# 1837
Delta R.T. -0.011 min
Lab File: BN028060.D
Acq: 05 Oct 2023 22:09

Instrument :
BNA_G
ClientSampleId :

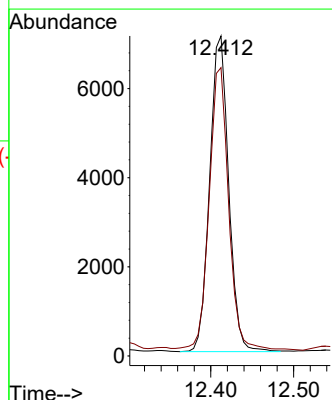
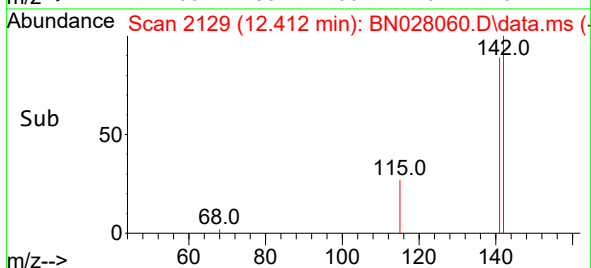
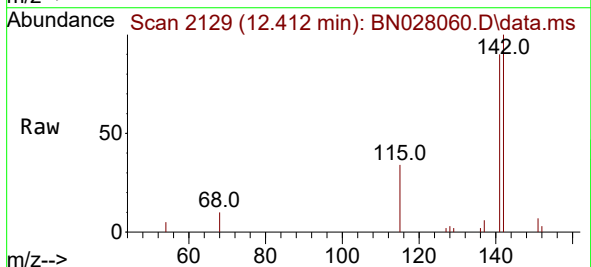


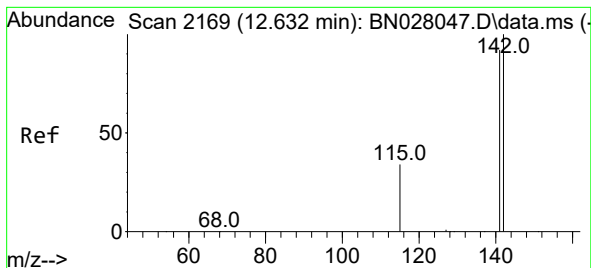
Tgt Ion:128 Resp: 9788
Ion Ratio Lower Upper
128 100
129 13.5 9.4 14.0
127 17.9 11.0 16.4#



#7
2-Methylnaphthalene
Concen: 0.433 ng/ul
RT: 12.412 min Scan# 2129
Delta R.T. -0.011 min
Lab File: BN028060.D
Acq: 05 Oct 2023 22:09

Tgt Ion:142 Resp: 11279
Ion Ratio Lower Upper
142 100
141 89.9 70.9 106.3





#8

1-Methylnaphthalene

Concen: 0.191 ng/ul

RT: 12.627 min Scan# 2168

Delta R.T. -0.017 min

Lab File: BN028060.D

Acq: 05 Oct 2023 22:09

Instrument :

BNA_G

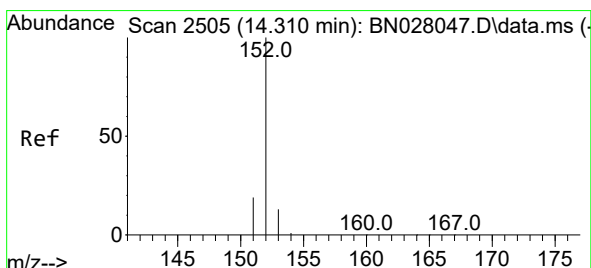
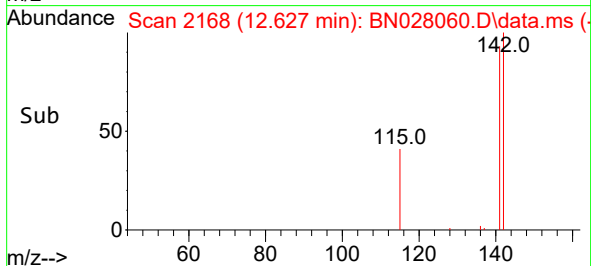
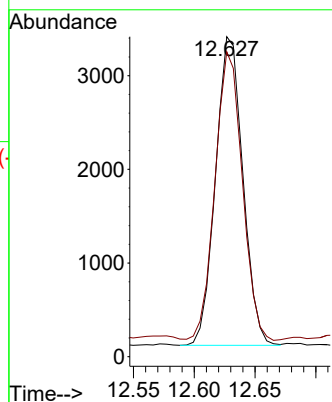
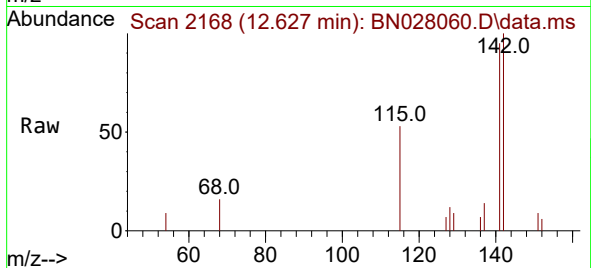
ClientSampleId :

Tgt Ion:142 Resp: 5158

Ion Ratio Lower Upper

142 100

141 92.6 74.4 111.6



#10

Acenaphthylene

Concen: 0.033 ng/ul

RT: 14.310 min Scan# 2505

Delta R.T. -0.009 min

Lab File: BN028060.D

Acq: 05 Oct 2023 22:09

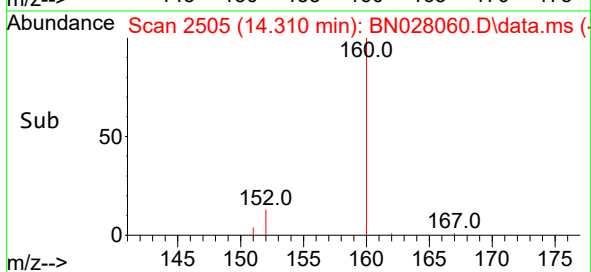
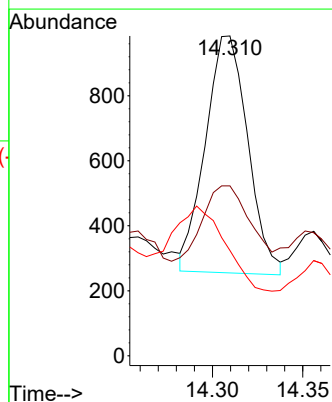
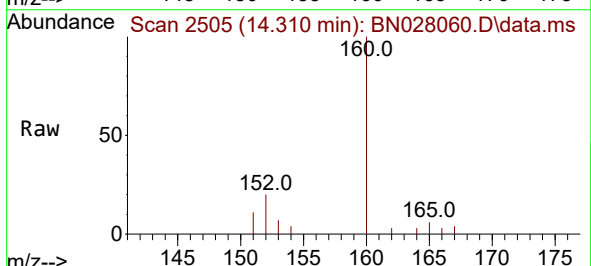
Tgt Ion:152 Resp: 1188

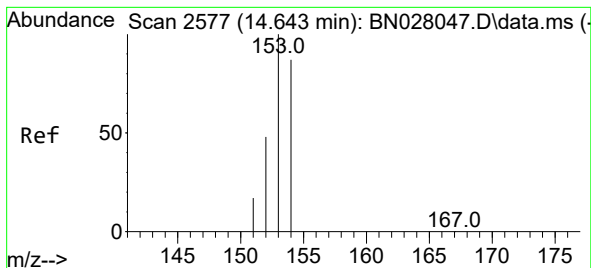
Ion Ratio Lower Upper

152 100

151 53.2 16.4 24.6#

153 32.9 10.9 16.3#





#11

Acenaphthene

Concen: 0.048 ng/ul

RT: 14.643 min Scan# 2577

Delta R.T. -0.014 min

Lab File: BN028060.D

Acq: 05 Oct 2023 22:09

Instrument :

BNA_G

ClientSampleId :

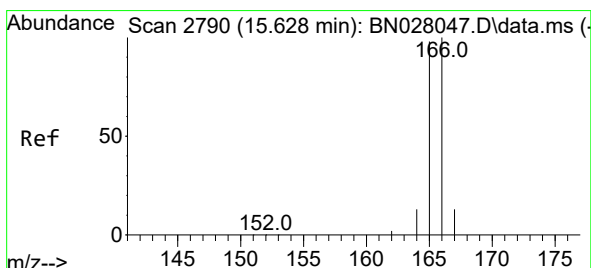
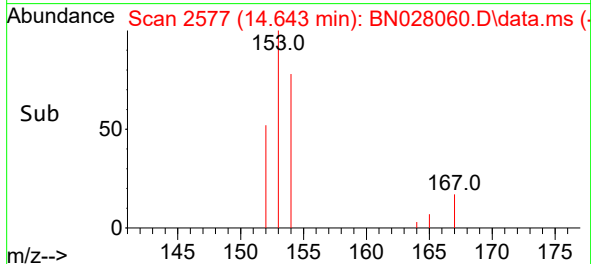
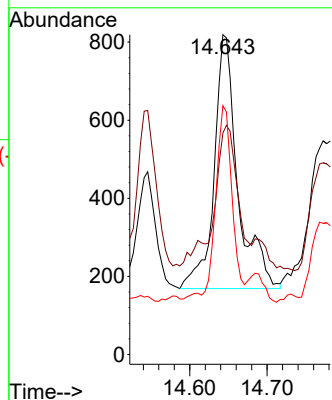
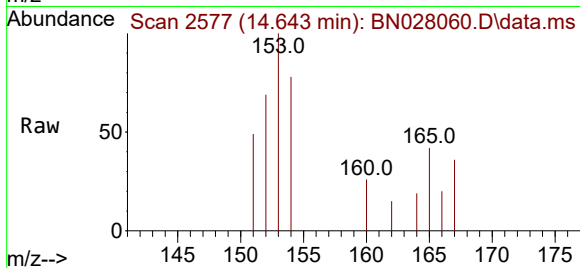
Tgt Ion:153 Resp: 1385

Ion Ratio Lower Upper

153 100

152 69.2 39.4 59.0#

154 77.8 70.2 105.4



#12

Fluorene

Concen: 0.025 ng/ul

RT: 15.633 min Scan# 2791

Delta R.T. -0.009 min

Lab File: BN028060.D

Acq: 05 Oct 2023 22:09

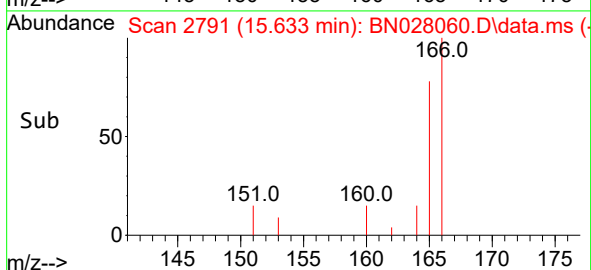
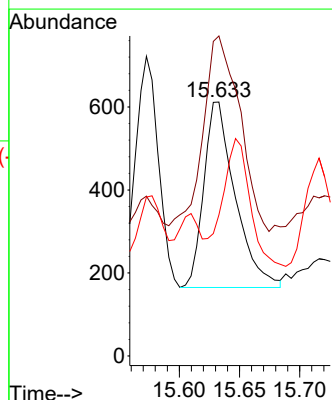
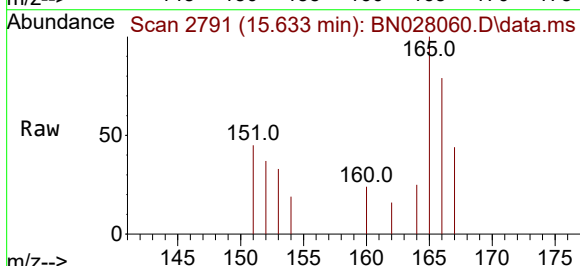
Tgt Ion:166 Resp: 810

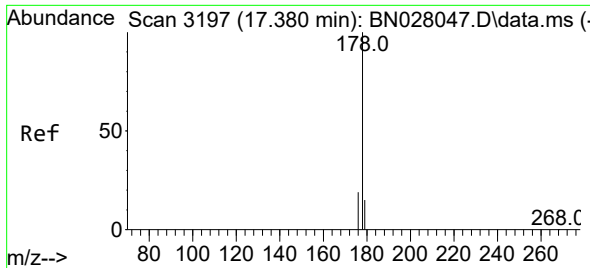
Ion Ratio Lower Upper

166 100

165 126.0 78.5 117.7#

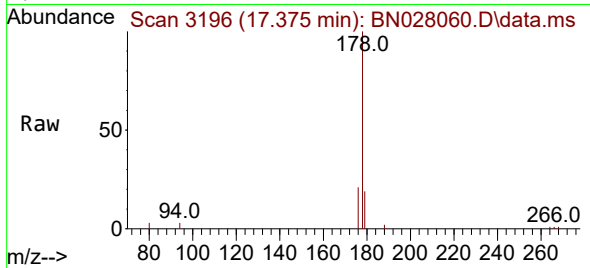
167 55.6 11.2 16.8#



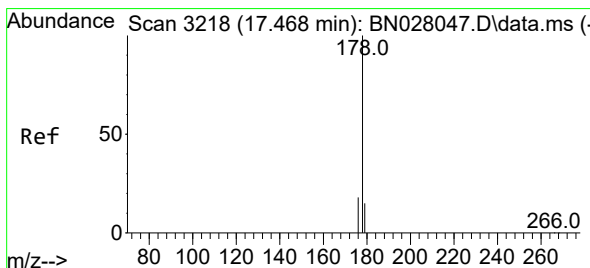
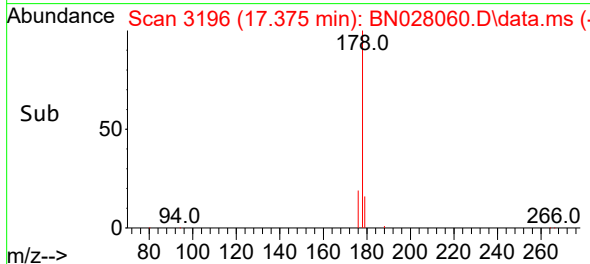
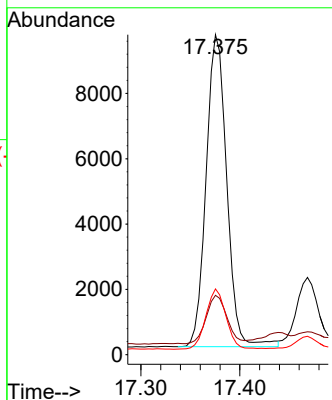


#15
Phenanthrene
Concen: 0.292 ng/ul
RT: 17.375 min Scan# 3196
Delta R.T. -0.012 min
Lab File: BN028060.D
Acq: 05 Oct 2023 22:09

Instrument :
BNA_G
ClientSampleId :

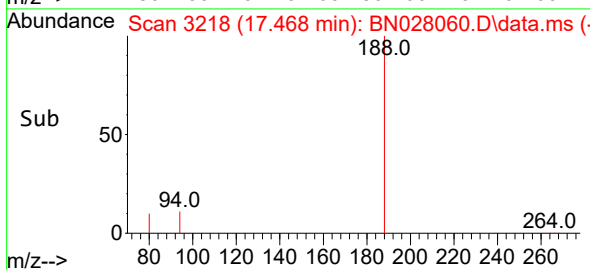
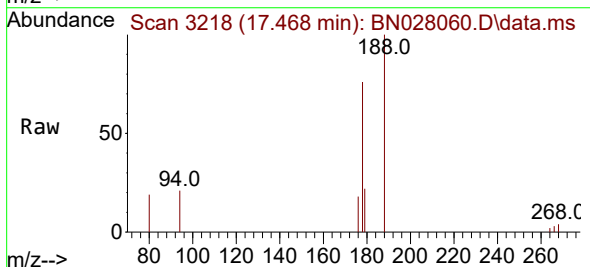
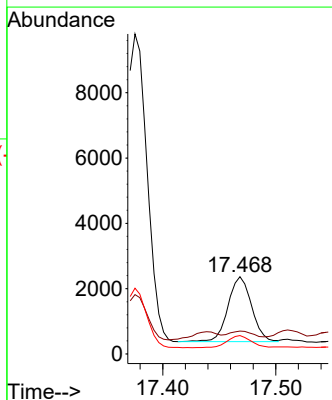


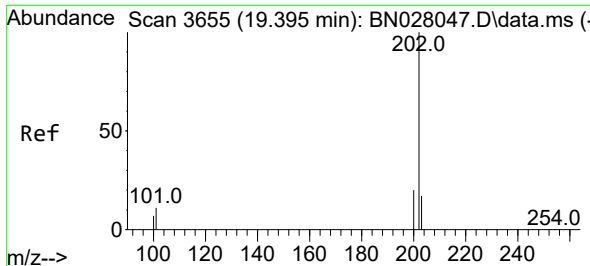
Tgt Ion:178 Resp: 13834
Ion Ratio Lower Upper
178 100
179 18.6 12.6 19.0
176 20.5 15.5 23.3



#16
Anthracene
Concen: 0.068 ng/ul
RT: 17.468 min Scan# 3218
Delta R.T. -0.012 min
Lab File: BN028060.D
Acq: 05 Oct 2023 22:09

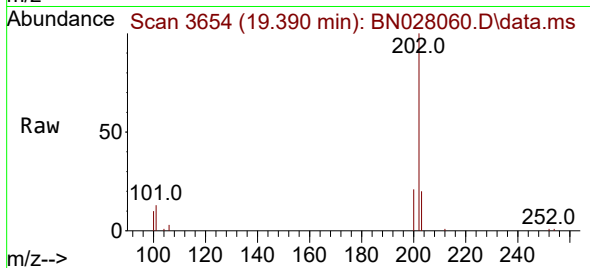
Tgt Ion:178 Resp: 2878
Ion Ratio Lower Upper
178 100
179 29.5 12.8 19.2#
176 23.8 15.0 22.6#



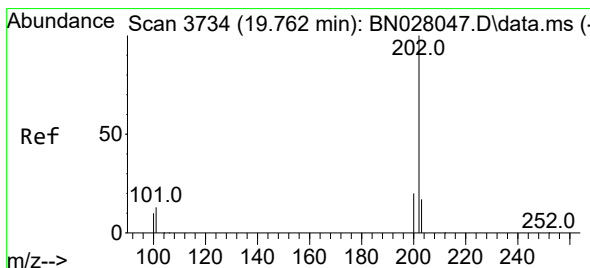
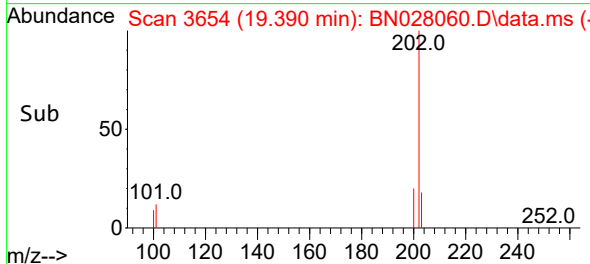
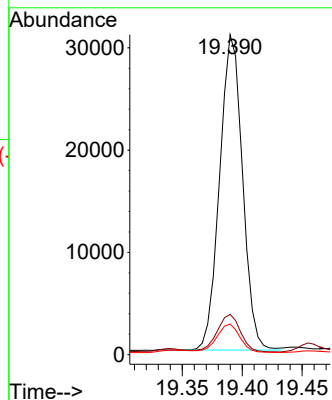


#19
Fluoranthene
Concen: 0.794 ng/ul
RT: 19.390 min Scan# 30
Delta R.T. -0.014 min
Lab File: BN028060.D
Acq: 05 Oct 2023 22:09

Instrument :
BNA_G
ClientSampleId :

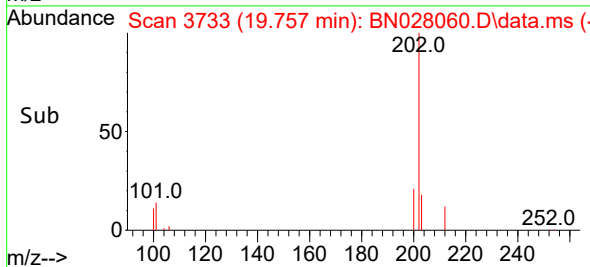
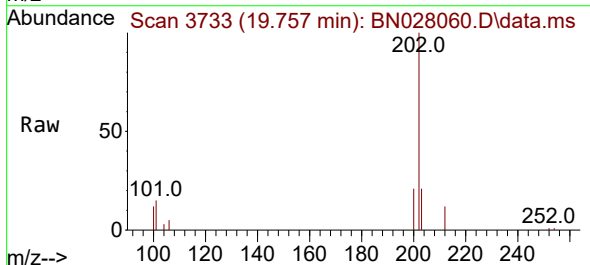
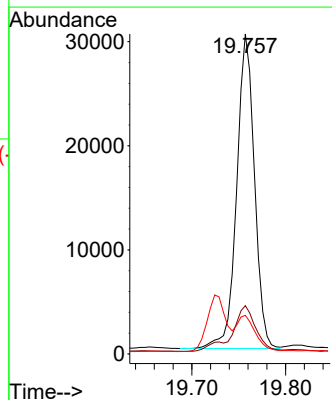


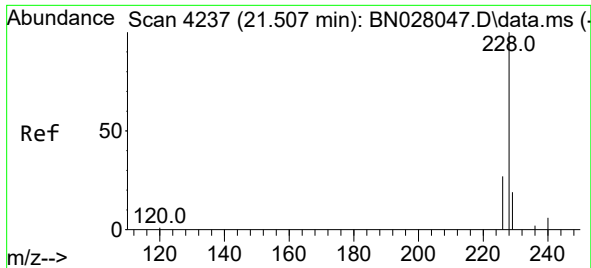
Tgt Ion:202 Resp: 40999
Ion Ratio Lower Upper
202 100
101 12.6 9.6 14.4
100 9.6 7.4 11.0



#20
Pyrene
Concen: 0.744 ng/ul
RT: 19.757 min Scan# 3733
Delta R.T. -0.014 min
Lab File: BN028060.D
Acq: 05 Oct 2023 22:09

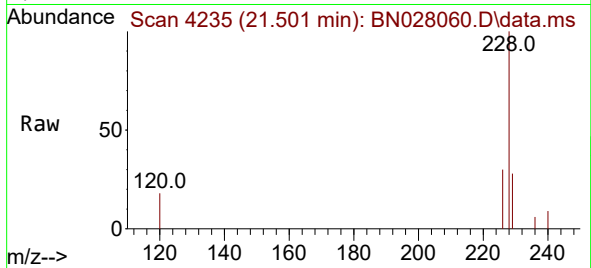
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Ion Ratio Lower Upper
202 100
101 15.1 11.2 16.8
100 12.1 9.1 13.7



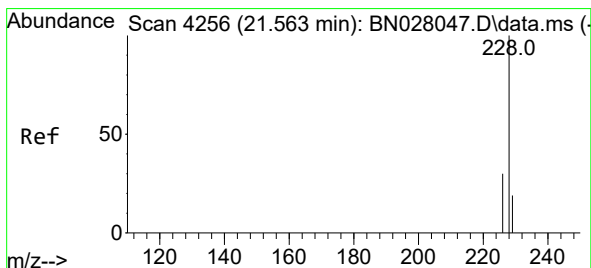
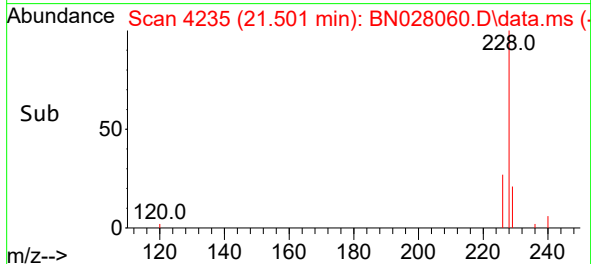
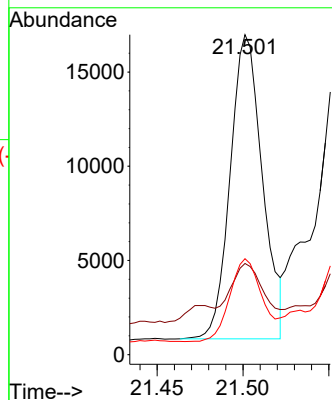


#21
Benzo(a)anthracene
Concen: 0.426 ng/ul
RT: 21.501 min Scan# 41
Delta R.T. -0.017 min
Lab File: BN028060.D
Acq: 05 Oct 2023 22:09

Instrument :
BNA_G
ClientSampleId :

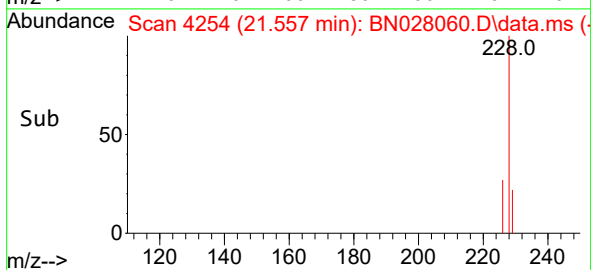
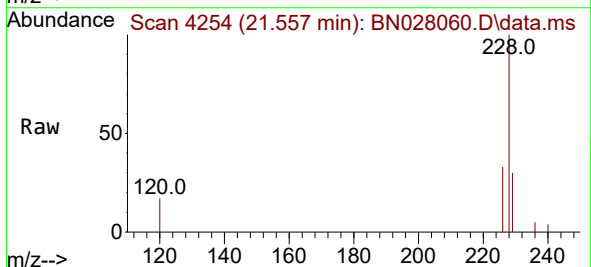
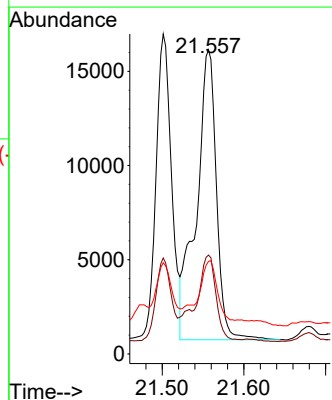


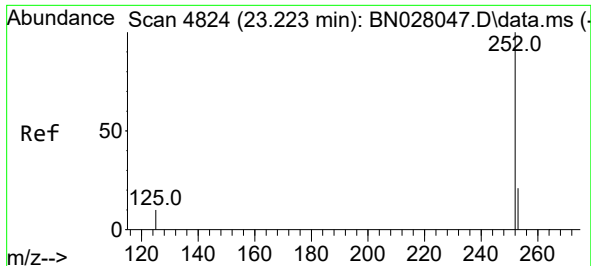
Tgt Ion:228 Resp: 21048
Ion Ratio Lower Upper
228 100
229 28.5 16.0 24.0#
226 30.0 21.5 32.3



#22
Chrysene
Concen: 0.528 ng/ul
RT: 21.557 min Scan# 4254
Delta R.T. -0.017 min
Lab File: BN028060.D
Acq: 05 Oct 2023 22:09

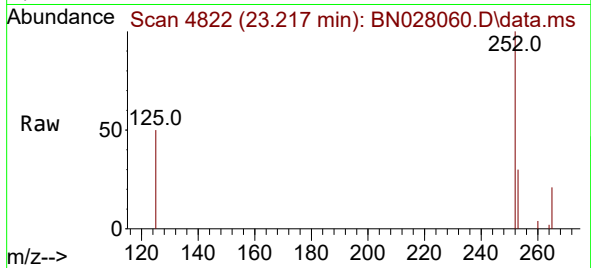
Tgt Ion:228 Resp: 26300
Ion Ratio Lower Upper
228 100
226 32.5 23.8 35.8
229 30.5 16.0 24.0#



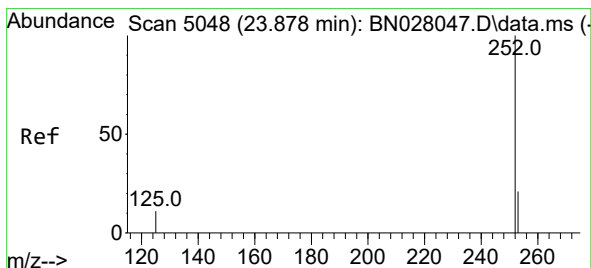
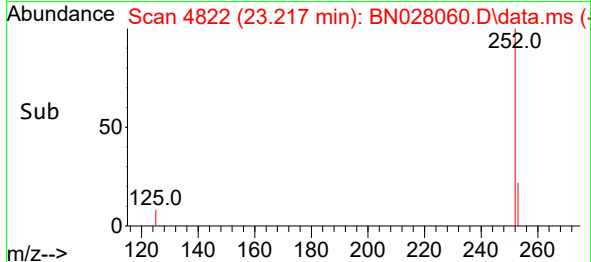
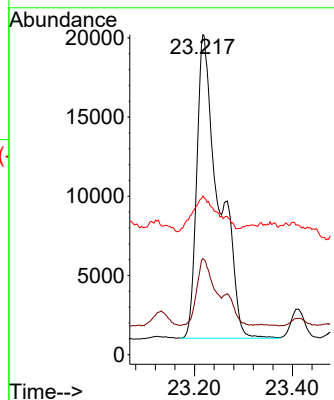


#24
Benzo(b)fluoranthene
Concen: 1.058 ng/ul
RT: 23.217 min Scan# 4822
Delta R.T. -0.023 min
Lab File: BN028060.D
Acq: 05 Oct 2023 22:09

Instrument :
BNA_G
ClientSampleId :

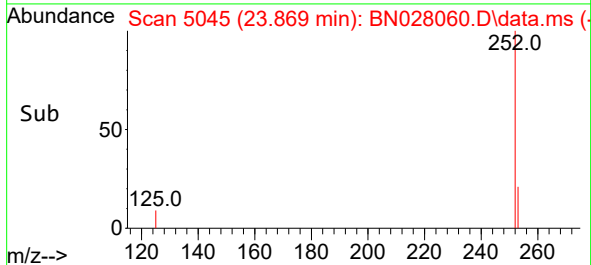
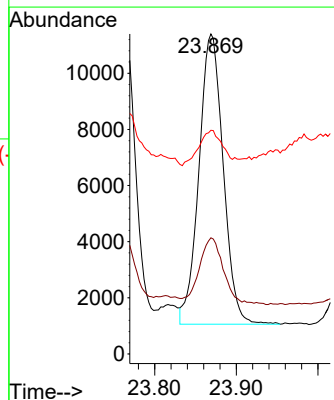
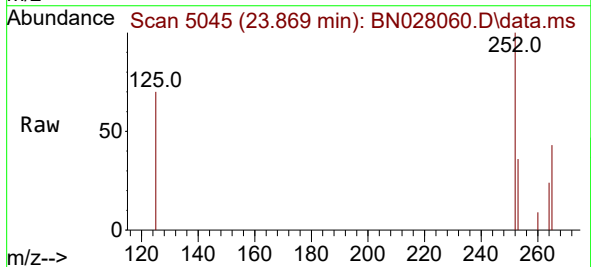


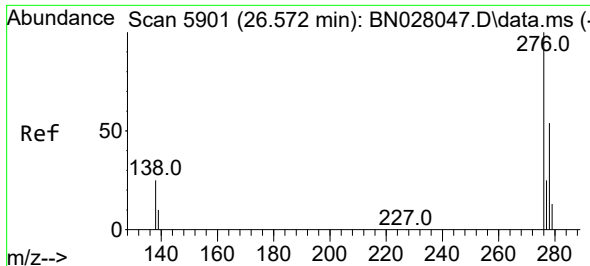
Tgt Ion:252 Resp: 60177
Ion Ratio Lower Upper
252 100
253 30.0 0.0 54.0
125 49.6 0.0 31.4#



#26
Benzo(a)pyrene
Concen: 0.440 ng/ul
RT: 23.869 min Scan# 5045
Delta R.T. -0.026 min
Lab File: BN028060.D
Acq: 05 Oct 2023 22:09

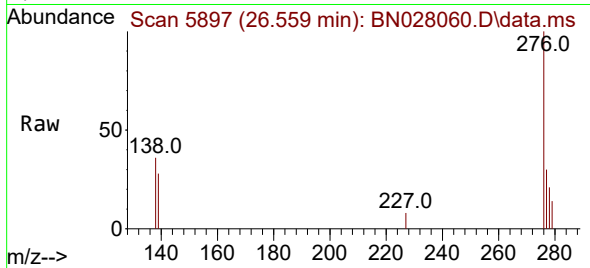
Tgt Ion:252 Resp: 21340
Ion Ratio Lower Upper
252 100
253 36.3 23.4 35.2#
125 69.9 15.3 22.9#



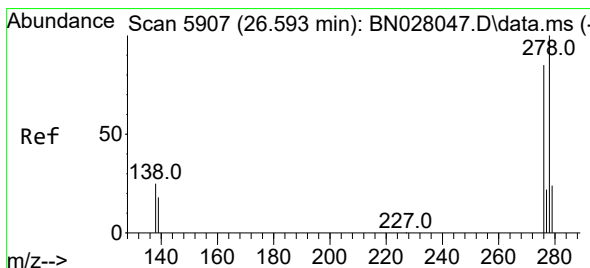
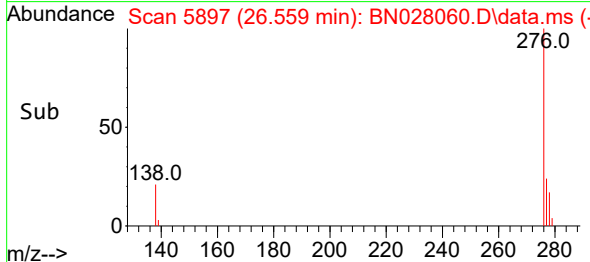
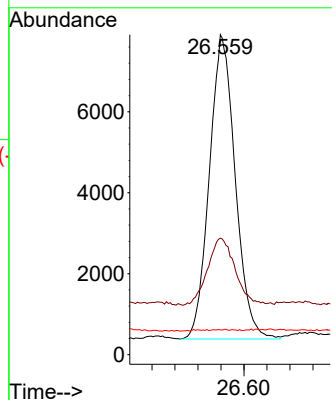


#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.399 ng/ul
 RT: 26.559 min Scan# 5897
 Delta R.T. -0.043 min
 Lab File: BN028060.D
 Acq: 05 Oct 2023 22:09

Instrument :
 BNA_G
 ClientSampleId :

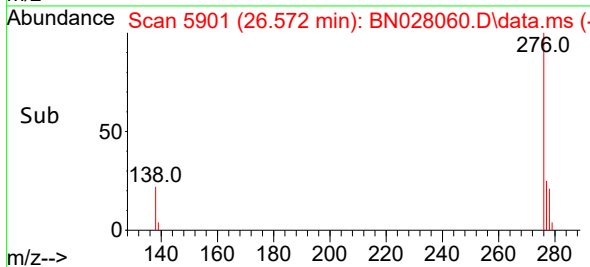
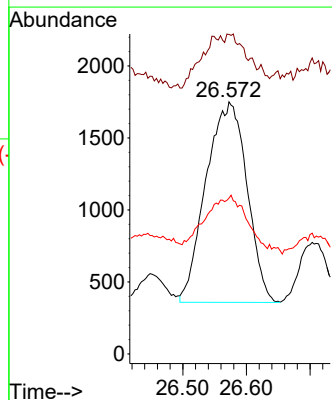
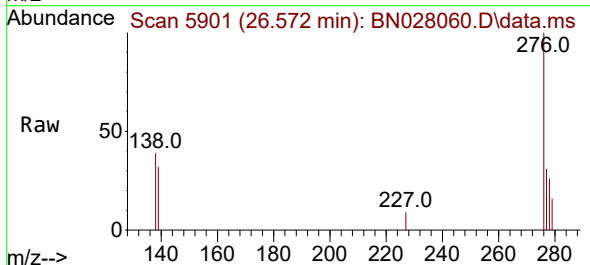


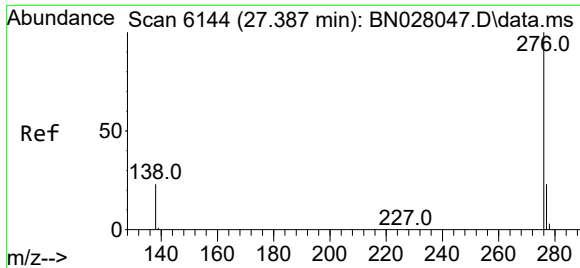
Tgt Ion:276 Resp: 23440
 Ion Ratio Lower Upper
 276 100
 138 23.5 21.6 32.4
 227 0.1 0.2 0.2#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.130 ng/ul
 RT: 26.572 min Scan# 5901
 Delta R.T. -0.047 min
 Lab File: BN028060.D
 Acq: 05 Oct 2023 22:09

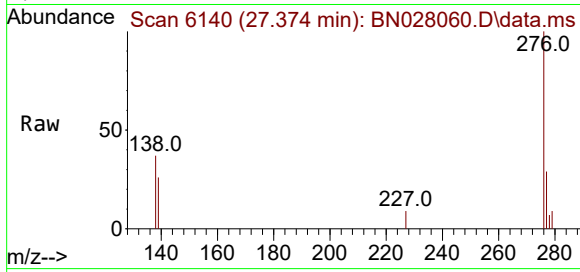
Tgt Ion:278 Resp: 6226
 Ion Ratio Lower Upper
 278 100
 139 126.7 15.9 23.9#
 279 61.8 22.8 34.2#





#29
 Benzo(g,h,i)perylene
 Concen: 0.541 ng/ul
 RT: 27.374 min Scan# 61
 Delta R.T. -0.047 min
 Lab File: BN028060.D
 Acq: 05 Oct 2023 22:09

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:276 Resp: 25948
 Ion Ratio Lower Upper
 276 100
 138 37.1 19.8 29.6#
 277 29.2 20.6 31.0

