

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100523\
 Data File : BN028076.D
 Acq On : 06 Oct 2023 08:33
 Operator : MA/JU
 Sample : 04527-10
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 07 00:29:41 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)

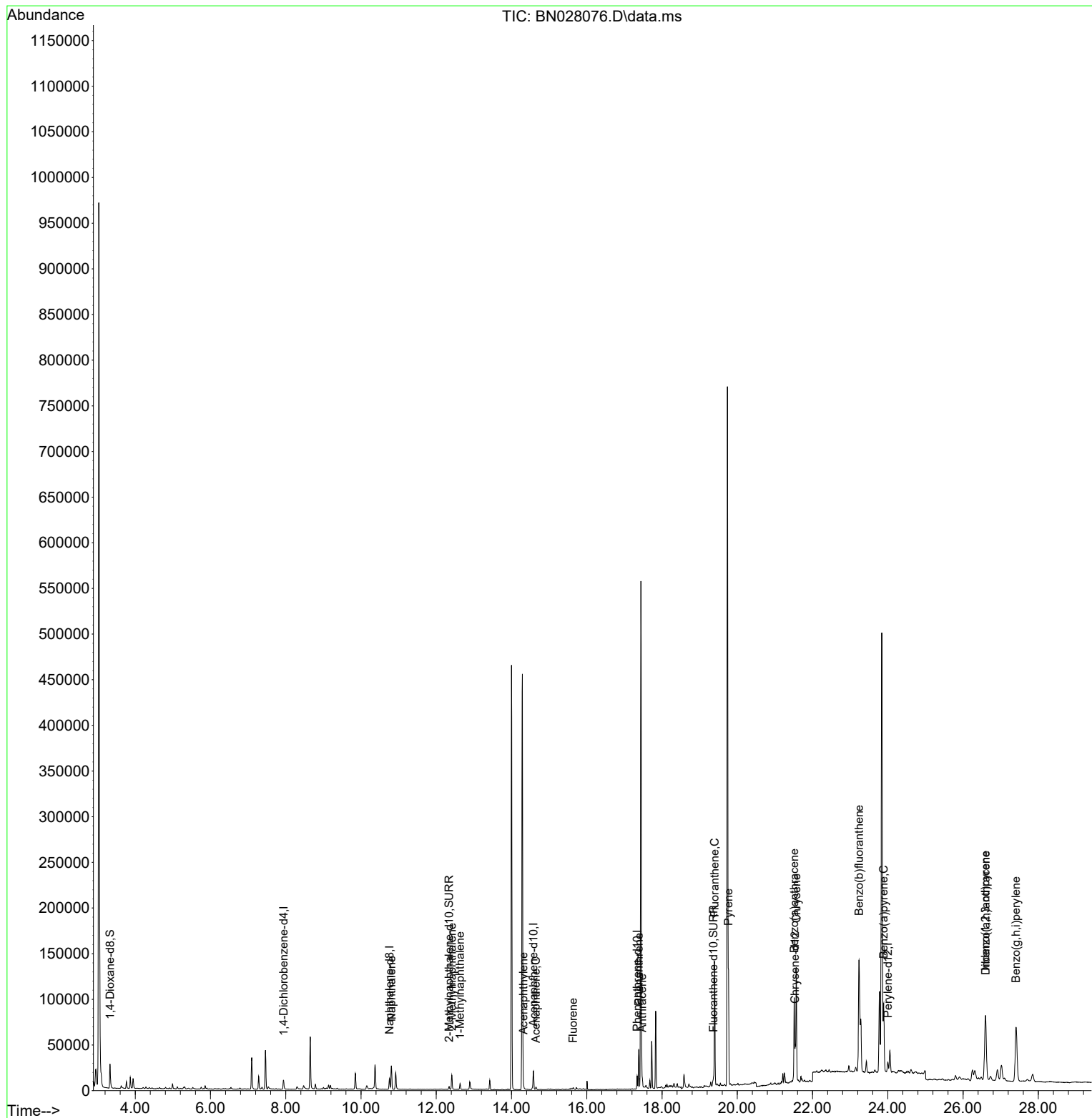
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	4986	0.400	ng/ul	0.00
4) Naphthalene-d8	10.757	136	15626	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.583	164	8735	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.337	188	16717	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.530	240	14764	0.400	ng/ul	# 0.01
23) Perylene-d12	24.000	264	14816	0.400	ng/ul	# 0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.330	96	19594	3.129	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.341	152	4054	0.161	ng/ul	0.00
18) Fluoranthene-d10	19.367	212	8034	0.172	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.806	128	34596	0.780	ng/ul	99
7) 2-Methylnaphthalene	12.412	142	11230	0.401	ng/ul	99
8) 1-Methylnaphthalene	12.632	142	4439	0.153	ng/ul	100
10) Acenaphthylene	14.314	152	6990	0.176	ng/ul	97
11) Acenaphthene	14.647	153	1671	0.053	ng/ul	94
12) Fluorene	15.637	166	1100	0.031	ng/ul#	78
15) Phenanthrene	17.384	178	45508	0.913	ng/ul	99
16) Anthracene	17.472	178	8921	0.200	ng/ul#	93
19) Fluoranthene	19.399	202	113862	2.020	ng/ul	100
20) Pyrene	19.766	202	99085	1.696	ng/ul	99
21) Benzo(a)anthracene	21.513	228	76292	1.415	ng/ul	95
22) Chrysene	21.568	228	134199	2.465	ng/ul#	95
24) Benzo(b)fluoranthene	23.234	252	297706	5.419	ng/ul	93
26) Benzo(a)pyrene	23.889	252	110280	2.354	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.596	276	128901	2.274	ng/ul	95
28) Dibenzo(a,h)anthracene	26.603	278	34852	0.756	ng/ul#	64
29) Benzo(g,h,i)perylene	27.408	276	136745	2.951	ng/ul	98

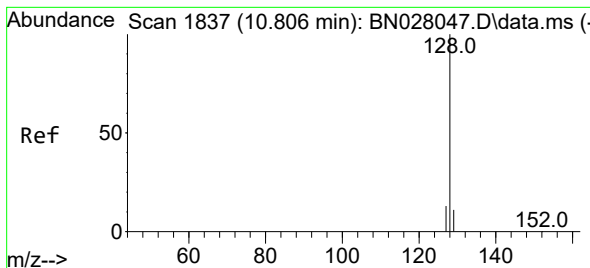
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.780 ng/ul

RT: 10.806 min Scan# 1837

Delta R.T. 0.000 min

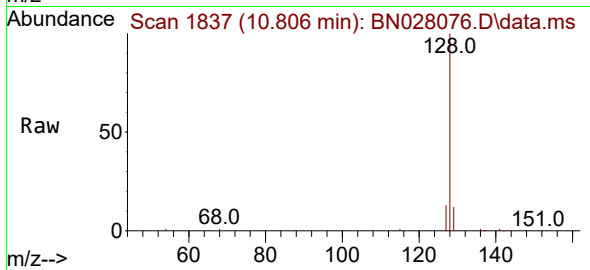
Lab File: BN028076.D

Acq: 06 Oct 2023 08:33

Instrument :

BNA_G

ClientSampleId :



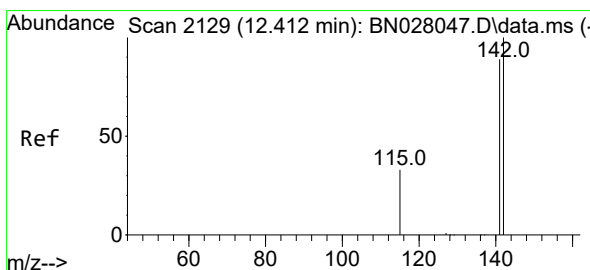
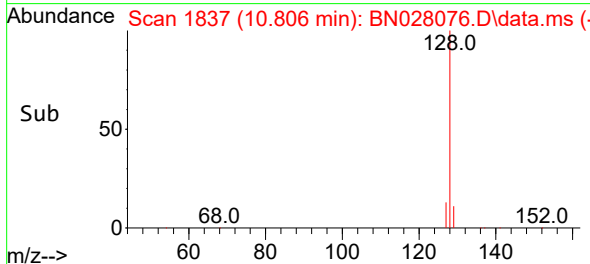
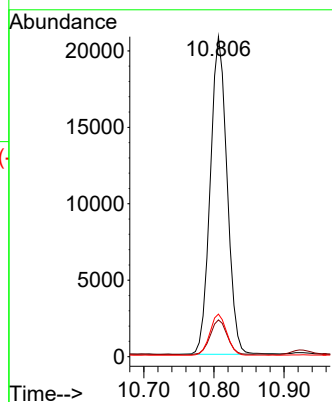
Tgt Ion:128 Resp: 34596

Ion Ratio Lower Upper

128 100

129 11.5 9.4 14.0

127 13.3 11.0 16.4



#7

2-Methylnaphthalene

Concen: 0.401 ng/ul

RT: 12.412 min Scan# 2129

Delta R.T. 0.000 min

Lab File: BN028076.D

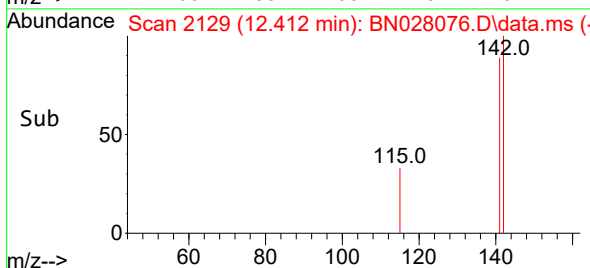
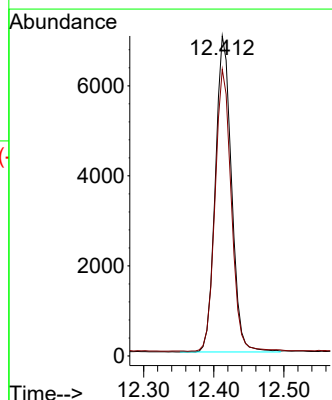
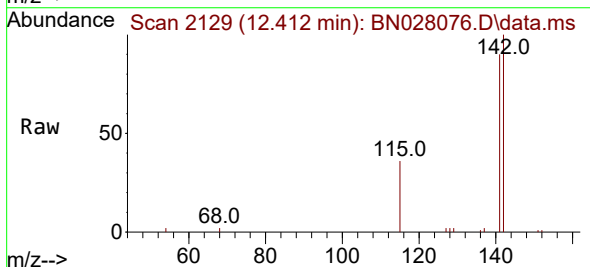
Acq: 06 Oct 2023 08:33

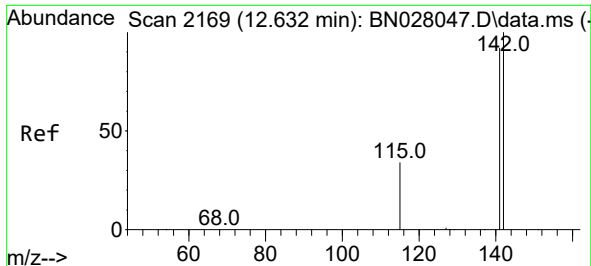
Tgt Ion:142 Resp: 11230

Ion Ratio Lower Upper

142 100

141 89.4 70.9 106.3

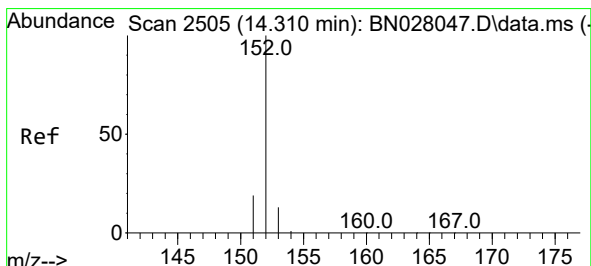
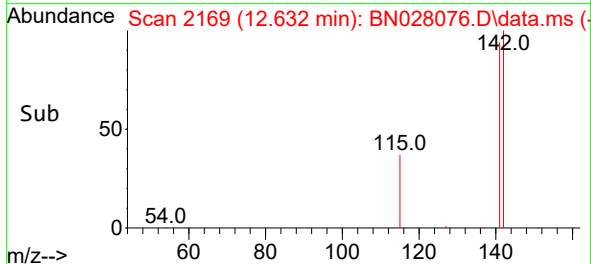
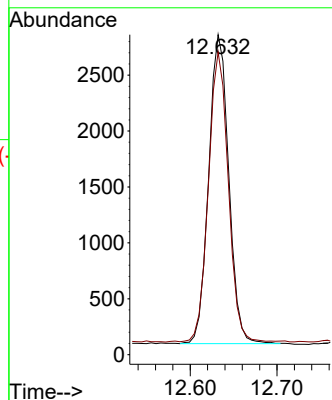
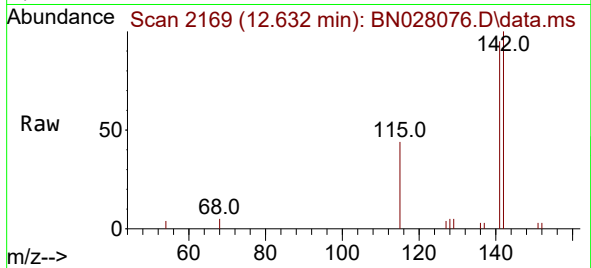




#8
1-Methylnaphthalene
Concen: 0.153 ng/ul
RT: 12.632 min Scan# 2169
Delta R.T. 0.006 min
Lab File: BN028076.D
Acq: 06 Oct 2023 08:33

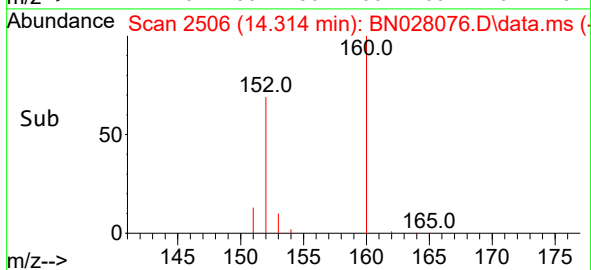
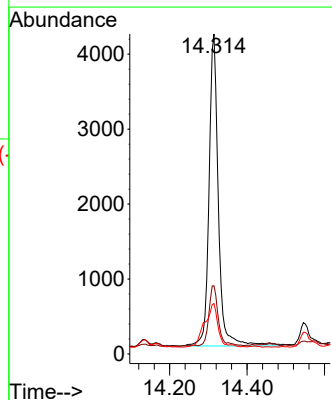
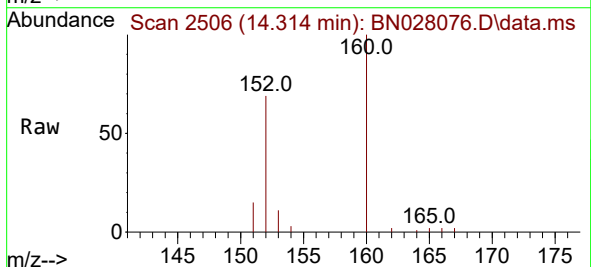
Instrument :
BNA_G
ClientSampleId :

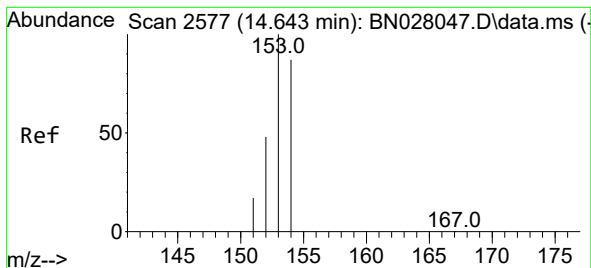
Tgt Ion:142 Resp: 4439
Ion Ratio Lower Upper
142 100
141 92.9 74.4 111.6



#10
Acenaphthylene
Concen: 0.176 ng/ul
RT: 14.314 min Scan# 2506
Delta R.T. 0.005 min
Lab File: BN028076.D
Acq: 06 Oct 2023 08:33

Tgt Ion:152 Resp: 6990
Ion Ratio Lower Upper
152 100
151 21.3 16.4 24.6
153 15.7 10.9 16.3





#11

Acenaphthene

Concen: 0.053 ng/ul

RT: 14.647 min Scan# 21

Delta R.T. 0.005 min

Lab File: BN028076.D

Acq: 06 Oct 2023 08:33

Instrument :

BNA_G

ClientSampleId :

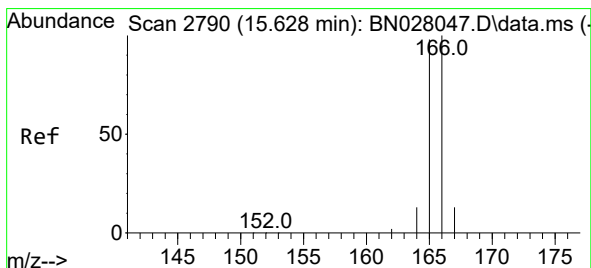
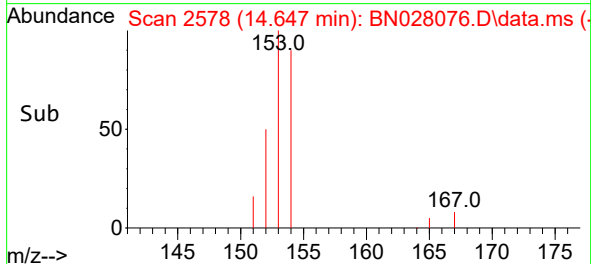
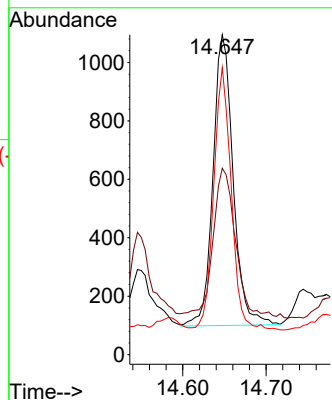
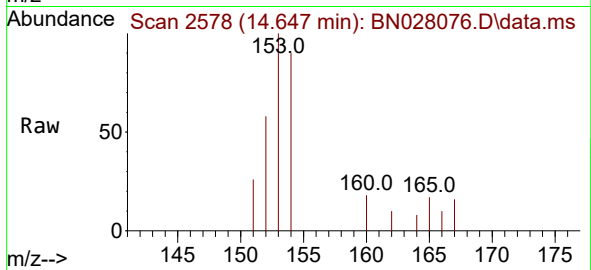
Tgt Ion:153 Resp: 1671

Ion Ratio Lower Upper

153 100

152 58.3 39.4 59.0

154 89.7 70.2 105.4



#12

Fluorene

Concen: 0.031 ng/ul

RT: 15.637 min Scan# 2792

Delta R.T. 0.005 min

Lab File: BN028076.D

Acq: 06 Oct 2023 08:33

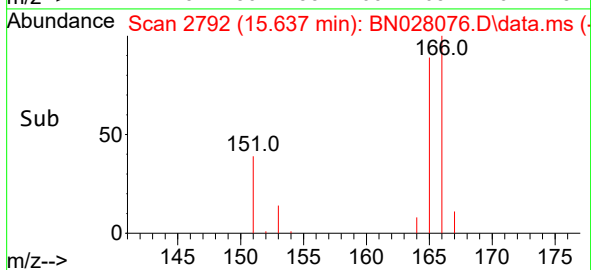
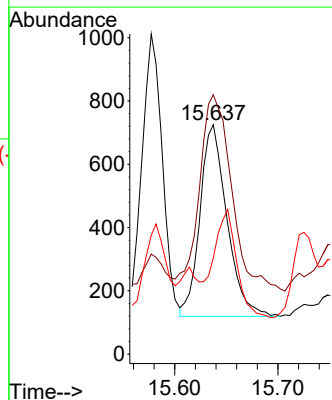
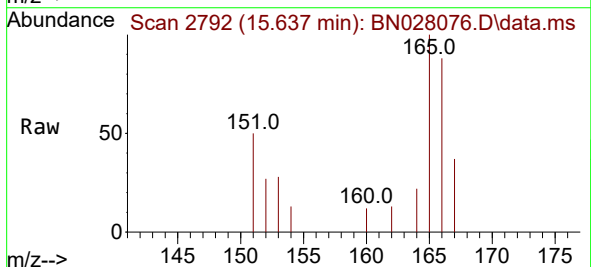
Tgt Ion:166 Resp: 1100

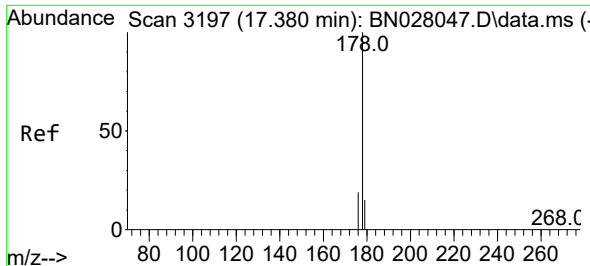
Ion Ratio Lower Upper

166 100

165 113.1 78.5 117.7

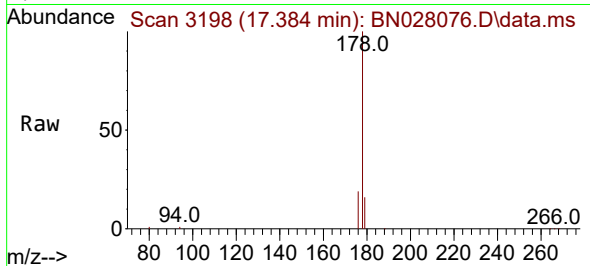
167 41.9 11.2 16.8#



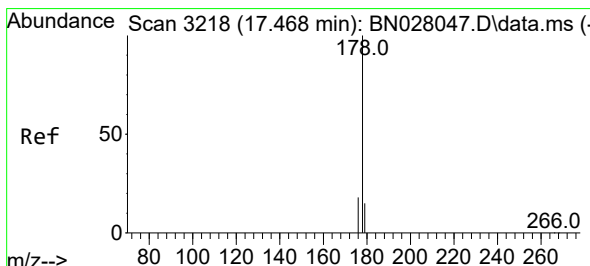
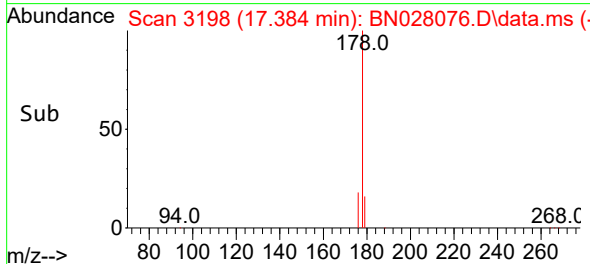
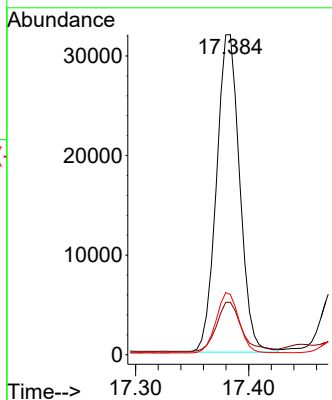


#15
Phenanthrene
Concen: 0.913 ng/ul
RT: 17.384 min Scan# 3197
Delta R.T. 0.008 min
Lab File: BN028076.D
Acq: 06 Oct 2023 08:33

Instrument :
BNA_G
ClientSampleId :

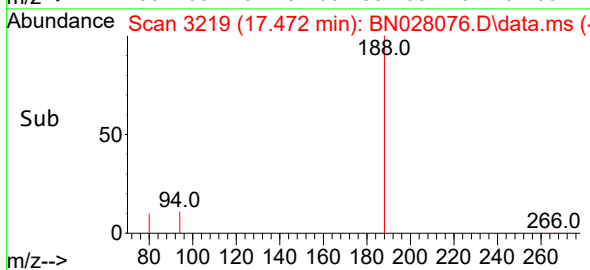
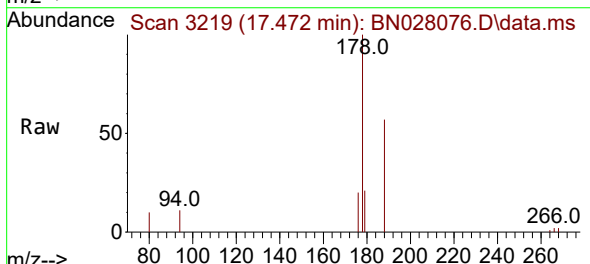
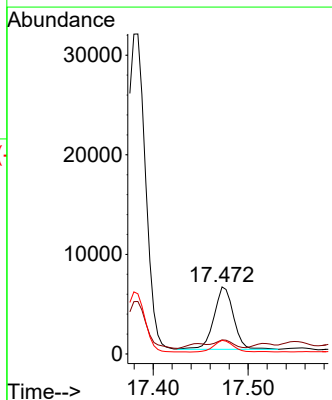


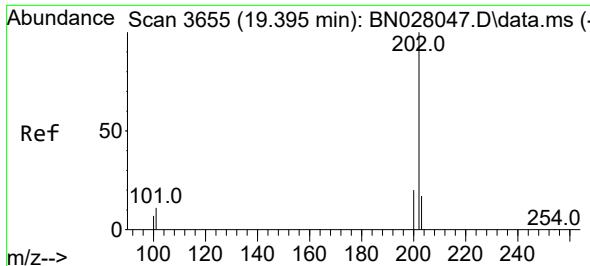
Tgt Ion:178 Resp: 45508
Ion Ratio Lower Upper
178 100
179 16.4 12.6 19.0
176 18.8 15.5 23.3



#16
Anthracene
Concen: 0.200 ng/ul
RT: 17.472 min Scan# 3219
Delta R.T. 0.004 min
Lab File: BN028076.D
Acq: 06 Oct 2023 08:33

Tgt Ion:178 Resp: 8921
Ion Ratio Lower Upper
178 100
179 21.0 12.8 19.2#
176 20.2 15.0 22.6

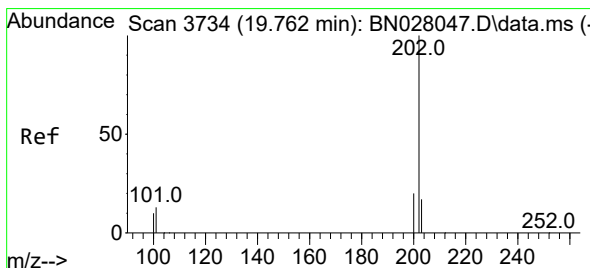
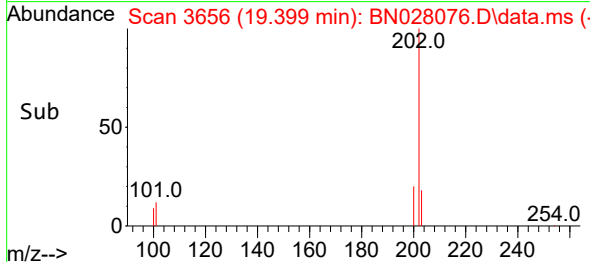
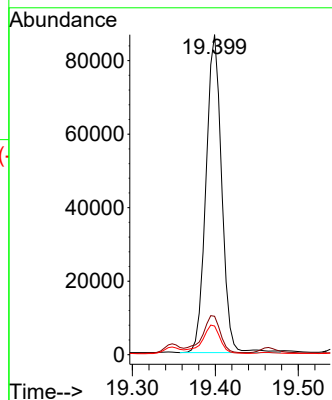
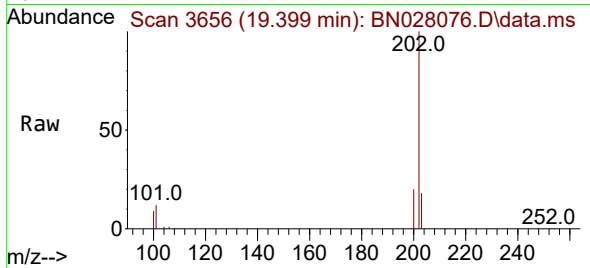




#19
Fluoranthene
Concen: 2.020 ng/ul
RT: 19.399 min Scan# 3656
Delta R.T. 0.009 min
Lab File: BN028076.D
Acq: 06 Oct 2023 08:33

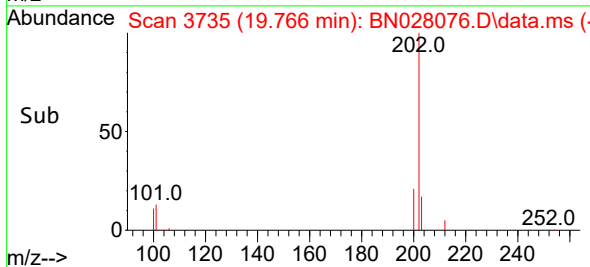
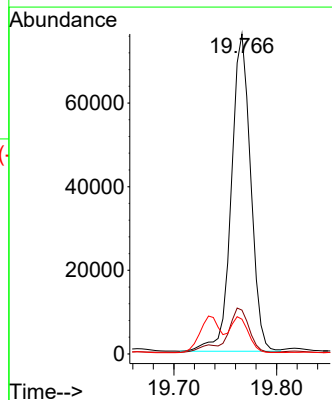
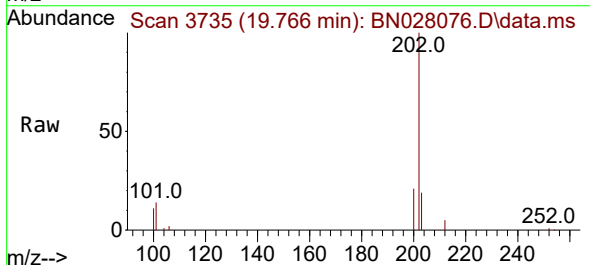
Instrument :
BNA_G
ClientSampleId :

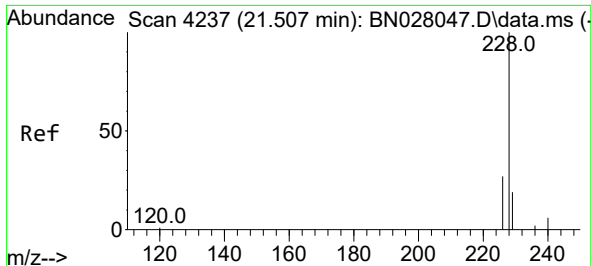
Tgt Ion:202 Resp: 113862
Ion Ratio Lower Upper
202 100
101 12.0 9.6 14.4
100 9.0 7.4 11.0



#20
Pyrene
Concen: 1.696 ng/ul
RT: 19.766 min Scan# 3735
Delta R.T. 0.009 min
Lab File: BN028076.D
Acq: 06 Oct 2023 08:33

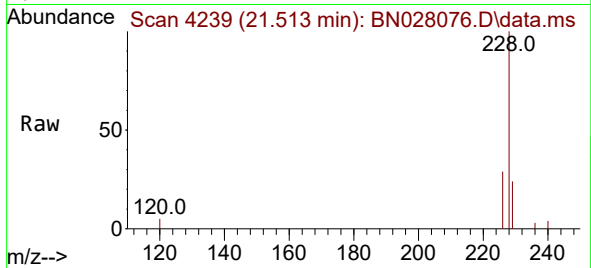
Tgt Ion:202 Resp: 99085
Ion Ratio Lower Upper
202 100
101 13.7 11.2 16.8
100 10.9 9.1 13.7



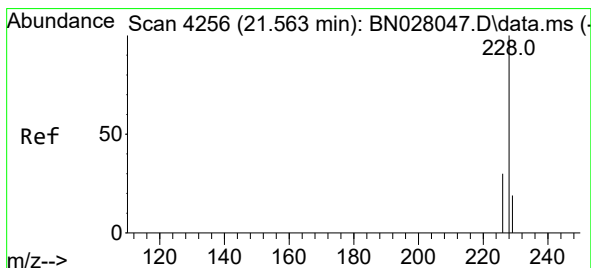
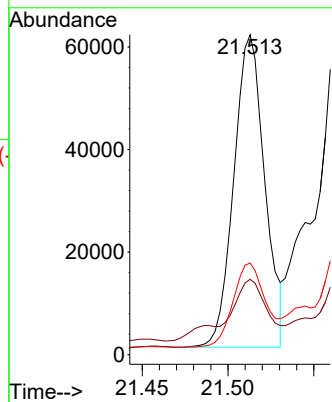
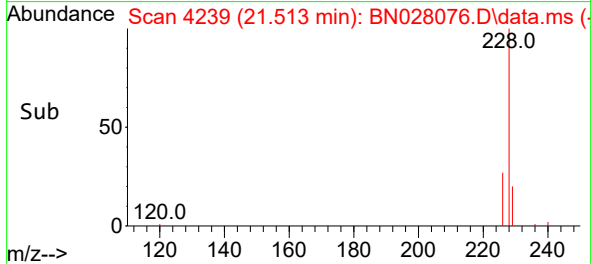


#21
Benzo(a)anthracene
Concen: 1.415 ng/ul
RT: 21.513 min Scan# 4237
Delta R.T. 0.012 min
Lab File: BN028076.D
Acq: 06 Oct 2023 08:33

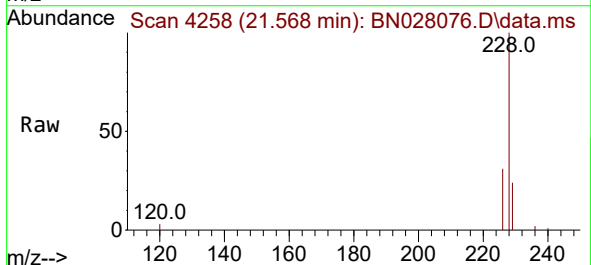
Instrument :
BNA_G
ClientSampleId :



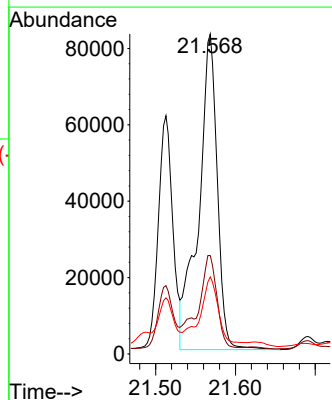
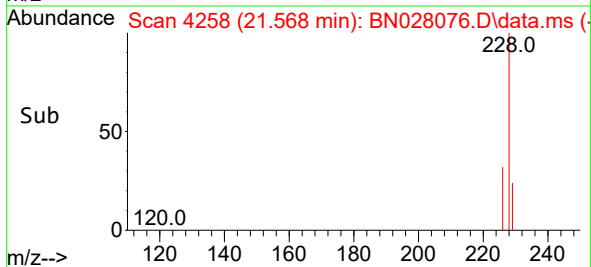
Tgt Ion:228 Resp: 76292
Ion Ratio Lower Upper
228 100
229 23.6 16.0 24.0
226 28.7 21.5 32.3

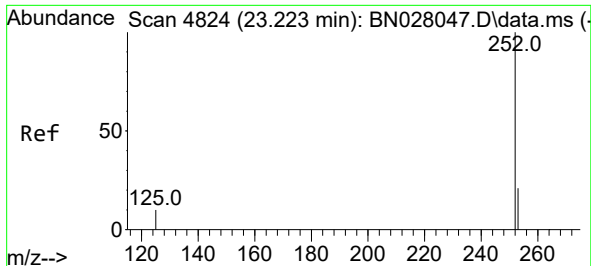


#22
Chrysene
Concen: 2.465 ng/ul
RT: 21.568 min Scan# 4258
Delta R.T. 0.012 min
Lab File: BN028076.D
Acq: 06 Oct 2023 08:33



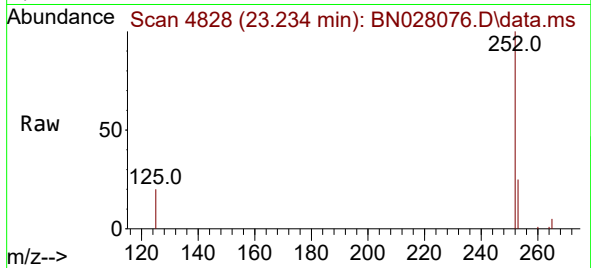
Tgt Ion:228 Resp: 134199
Ion Ratio Lower Upper
228 100
226 30.7 23.8 35.8
229 24.1 16.0 24.0#



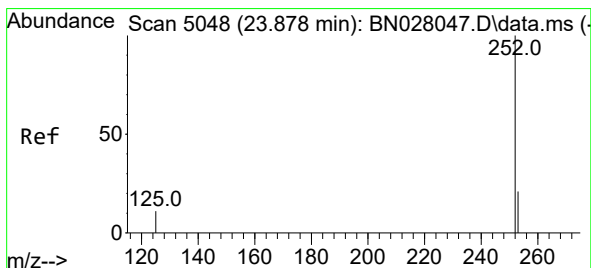
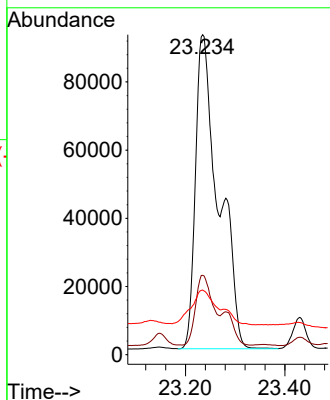


#24
Benzo(b)fluoranthene
Concen: 5.419 ng/ul
RT: 23.234 min Scan# 41
Delta R.T. 0.018 min
Lab File: BN028076.D
Acq: 06 Oct 2023 08:33

Instrument :
BNA_G
ClientSampleId :

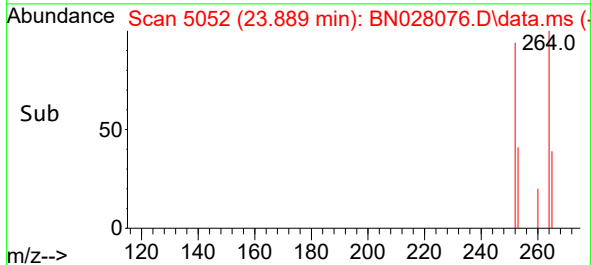
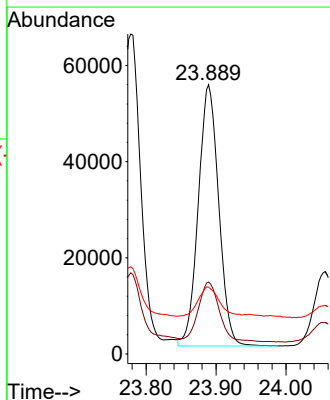
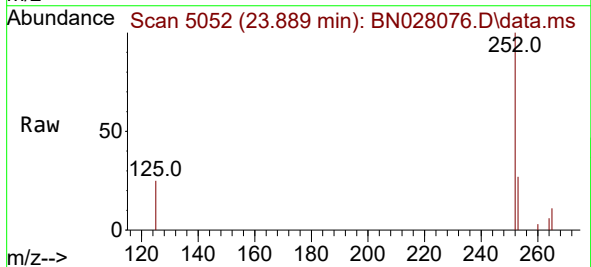


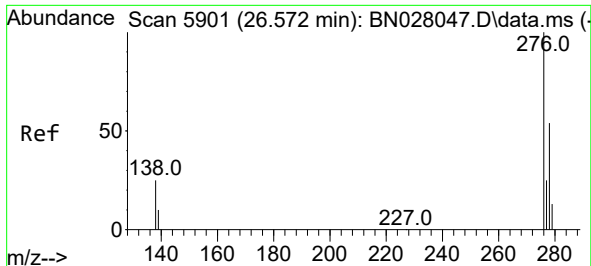
Tgt Ion:252 Resp: 297706
Ion Ratio Lower Upper
252 100
253 24.8 0.0 54.0
125 20.2 0.0 31.4



#26
Benzo(a)pyrene
Concen: 2.354 ng/ul
RT: 23.889 min Scan# 5052
Delta R.T. 0.020 min
Lab File: BN028076.D
Acq: 06 Oct 2023 08:33

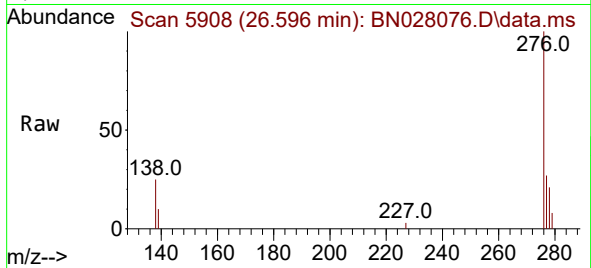
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Ion Ratio Lower Upper
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253 26.8 23.4 35.2
125 24.8 15.3 22.9



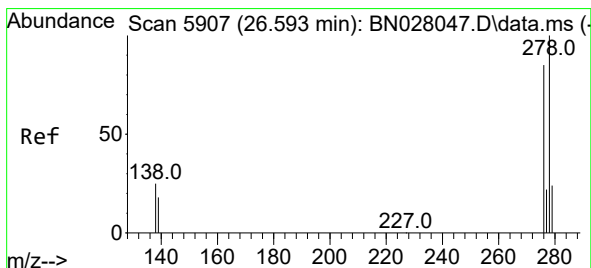
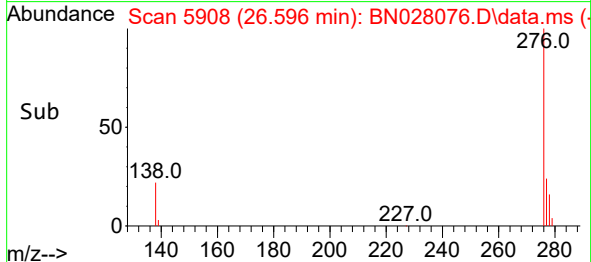
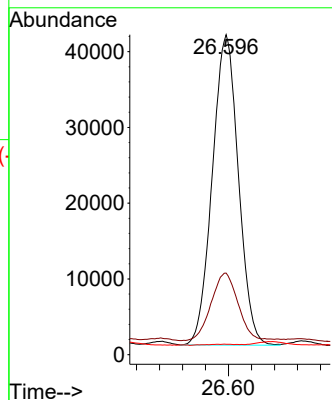


#27
 Indeno(1,2,3-cd)pyrene
 Concen: 2.274 ng/ul
 RT: 26.596 min Scan# 5908
 Delta R.T. 0.030 min
 Lab File: BN028076.D
 Acq: 06 Oct 2023 08:33

Instrument :
 BNA_G
 ClientSampleId :

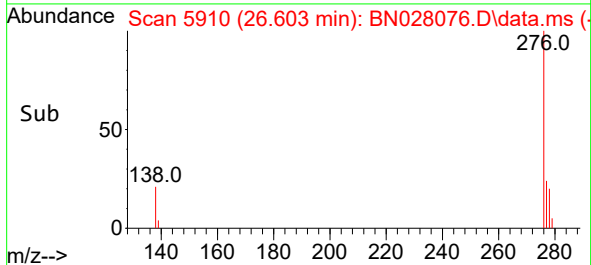
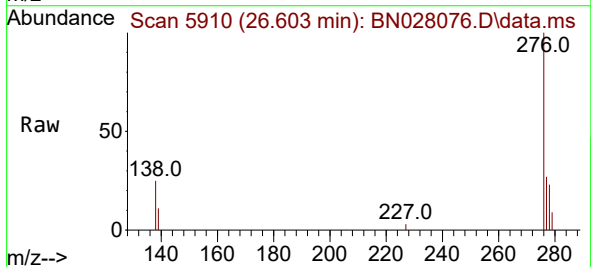
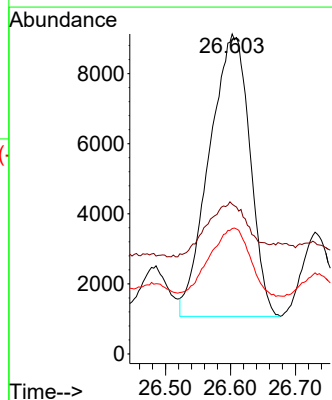


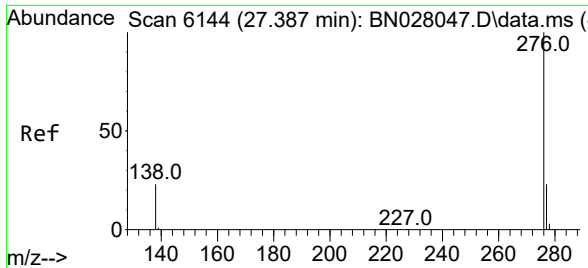
Tgt Ion:276 Resp: 128901
 Ion Ratio Lower Upper
 276 100
 138 24.4 21.6 32.4
 227 0.2 0.2 0.2



#28
 Dibenzo(a,h)anthracene
 Concen: 0.756 ng/ul
 RT: 26.603 min Scan# 5910
 Delta R.T. 0.020 min
 Lab File: BN028076.D
 Acq: 06 Oct 2023 08:33

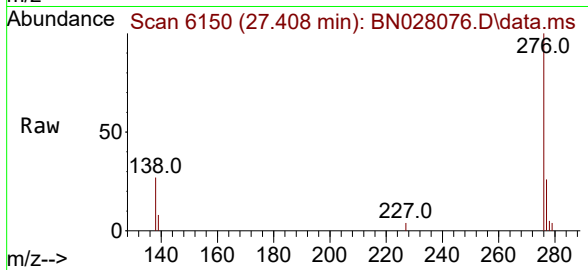
Tgt Ion:278 Resp: 34852
 Ion Ratio Lower Upper
 278 100
 139 46.8 15.9 23.9#
 279 39.2 22.8 34.2#





#29
Benzo(g,h,i)perylene
Concen: 2.951 ng/ul
RT: 27.408 min Scan# 61
Delta R.T. 0.030 min
Lab File: BN028076.D
Acq: 06 Oct 2023 08:33

Instrument :
BNA_G
ClientSampleId :



Tgt Ion:276 Resp: 136745
Ion Ratio Lower Upper
276 100
138 26.5 19.8 29.6
277 26.5 20.6 31.0

