

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100523\
 Data File : BN028061.D
 Acq On : 05 Oct 2023 22:46
 Operator : MA/JU
 Sample : 04469-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 06 04:26:23 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)

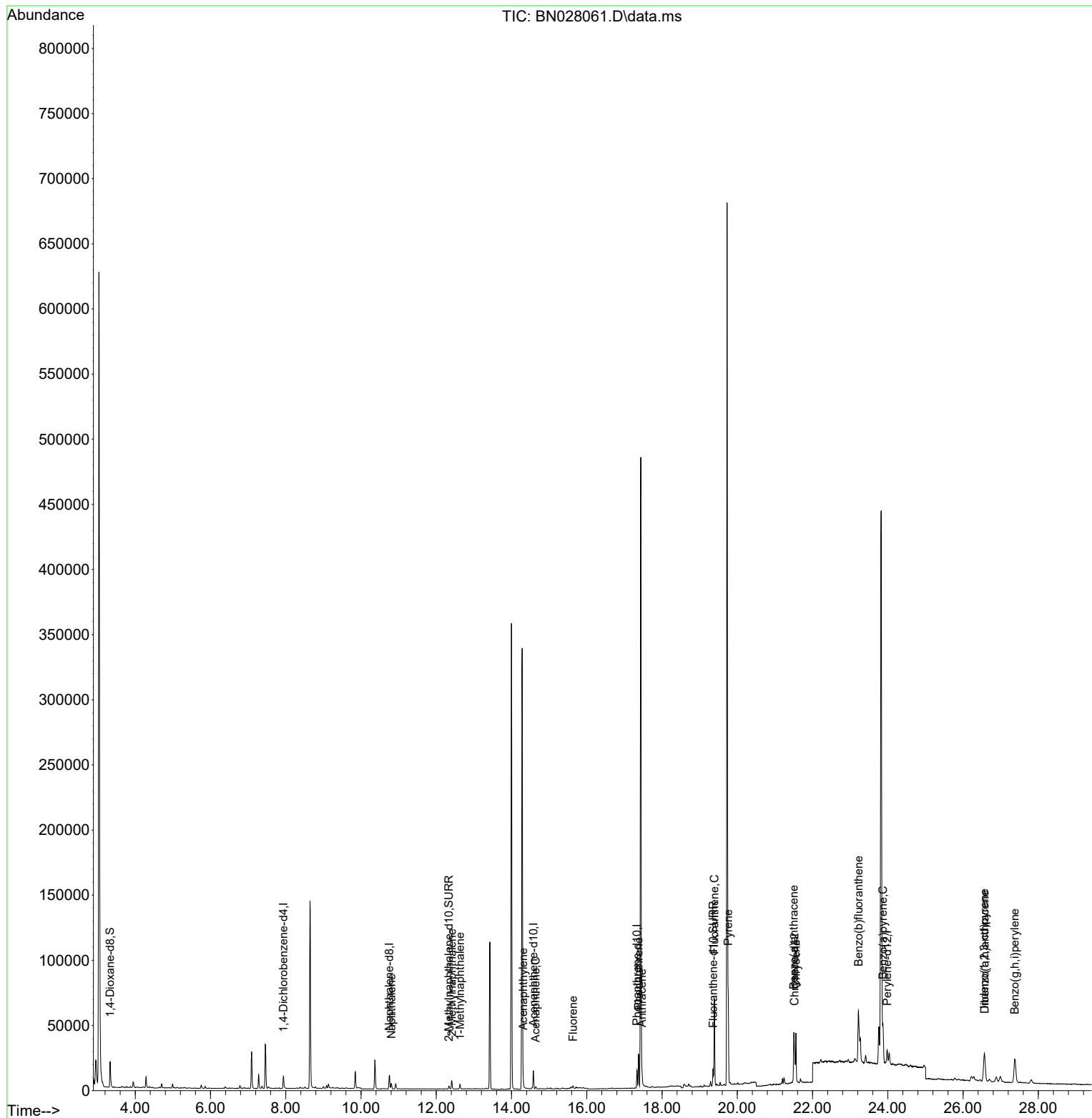
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	4652	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.751	136	14254	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.583	164	7694	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.333	188	15531	0.400	ng/ul	#-0.02
17) Chrysene-d12	21.519	240	13473	0.400	ng/ul	#-0.02
23) Perylene-d12	23.983	264	15079	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	15248	2.610	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.335	152	3019	0.131	ng/ul	-0.02
18) Fluoranthene-d10	19.362	212	7156	0.167	ng/ul	0.00
Target Compounds				Qvalue		
5) Naphthalene	10.806	128	5798	0.143	ng/ul#	96
7) 2-Methylnaphthalene	12.412	142	4833	0.189	ng/ul	99
8) 1-Methylnaphthalene	12.632	142	2583	0.098	ng/ul	100
10) Acenaphthylene	14.310	152	5412	0.155	ng/ul#	93
11) Acenaphthene	14.643	153	1136	0.041	ng/ul#	91
12) Fluorene	15.633	166	1332	0.043	ng/ul#	80
15) Phenanthrene	17.375	178	28564	0.617	ng/ul	99
16) Anthracene	17.468	178	7776	0.188	ng/ul#	92
19) Fluoranthene	19.390	202	56129	1.091	ng/ul	99
20) Pyrene	19.757	202	56426	1.058	ng/ul	98
21) Benzo(a)anthracene	21.501	228	32193	0.654	ng/ul#	93
22) Chrysene	21.557	228	42930	0.864	ng/ul#	93
24) Benzo(b)fluoranthene	23.220	252	94620	1.692	ng/ul#	67
26) Benzo(a)pyrene	23.869	252	41027	0.861	ng/ul#	61
27) Indeno(1,2,3-cd)pyrene	26.566	276	40193	0.697	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.579	278	9836	0.210	ng/ul#	1
29) Benzo(g,h,i)perylene	27.374	276	42345	0.898	ng/ul#	89

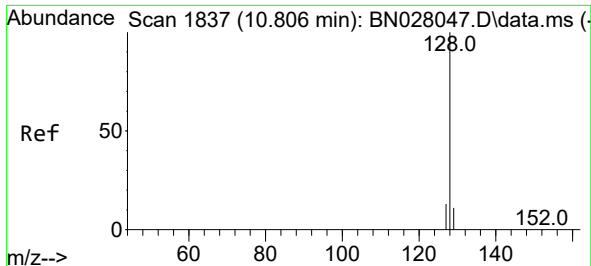
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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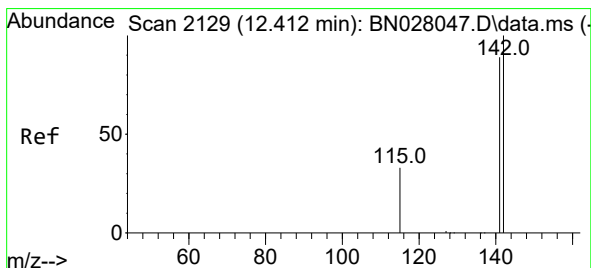
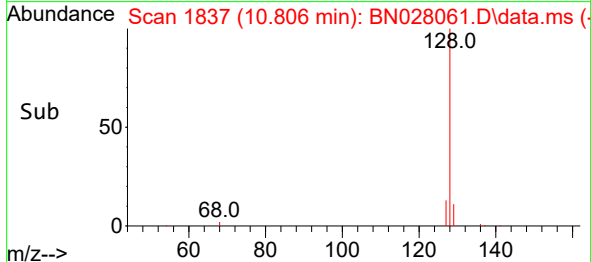
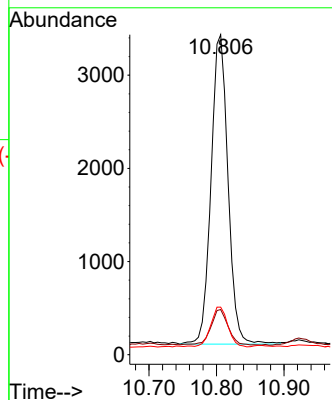
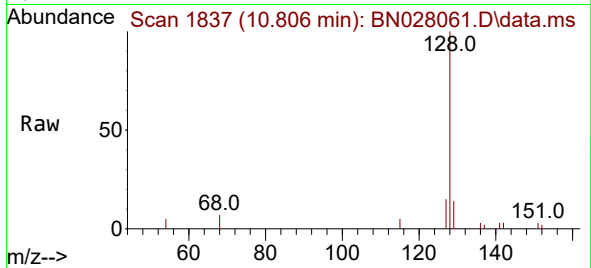




#5
Naphthalene
Concen: 0.143 ng/ul
RT: 10.806 min Scan# 1837
Delta R.T. -0.011 min
Lab File: BN028061.D
Acq: 05 Oct 2023 22:46

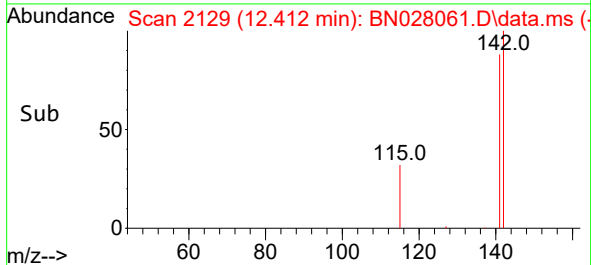
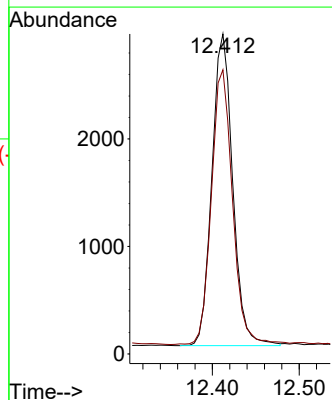
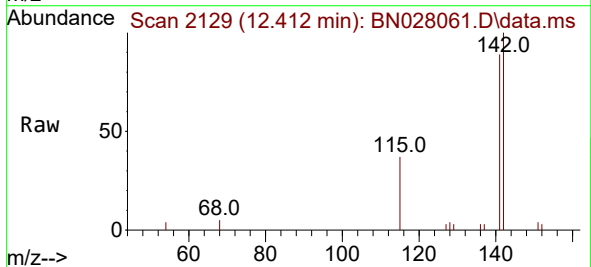
Instrument :
BNA_G
ClientSampleId :

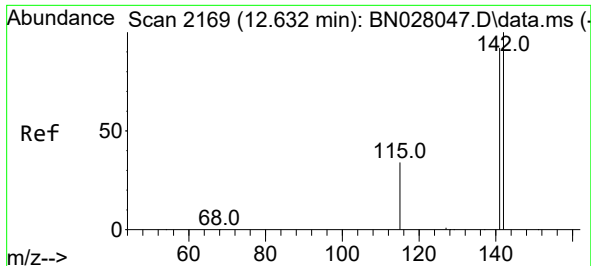
Tgt Ion:128 Resp: 5798
Ion Ratio Lower Upper
128 100
129 14.1 9.4 14.0#
127 14.9 11.0 16.4



#7
2-Methylnaphthalene
Concen: 0.189 ng/ul
RT: 12.412 min Scan# 2129
Delta R.T. -0.011 min
Lab File: BN028061.D
Acq: 05 Oct 2023 22:46

Tgt Ion:142 Resp: 4833
Ion Ratio Lower Upper
142 100
141 89.4 70.9 106.3

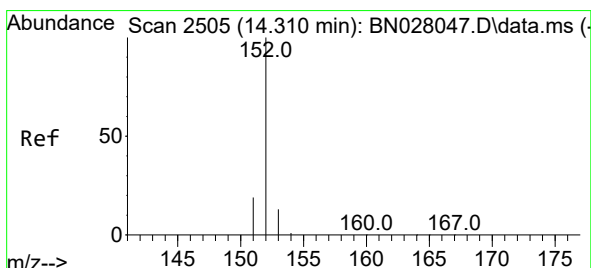
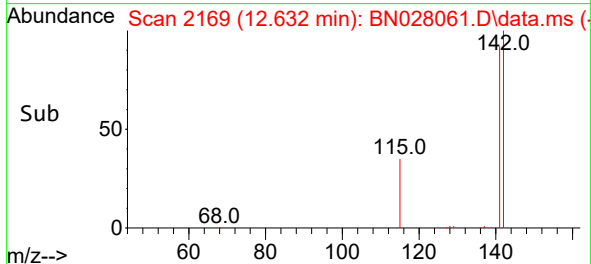
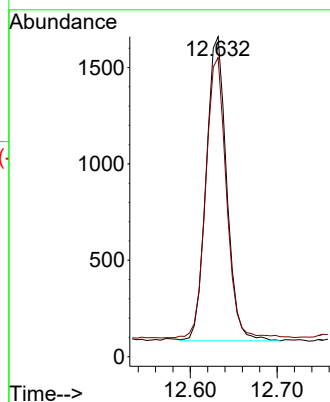
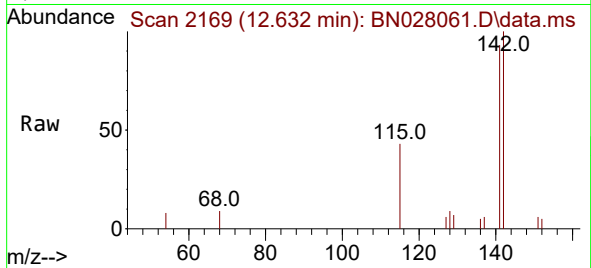




#8
1-Methylnaphthalene
Concen: 0.098 ng/ul
RT: 12.632 min Scan# 2169
Delta R.T. -0.011 min
Lab File: BN028061.D
Acq: 05 Oct 2023 22:46

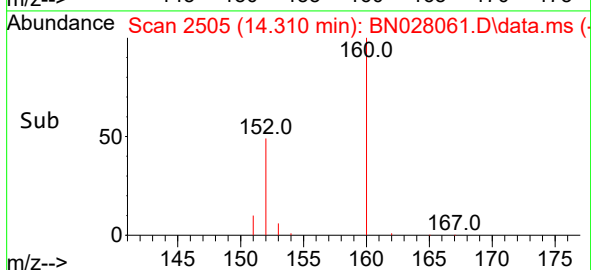
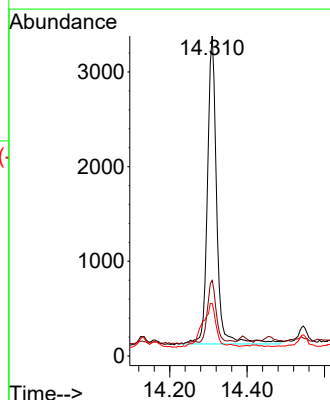
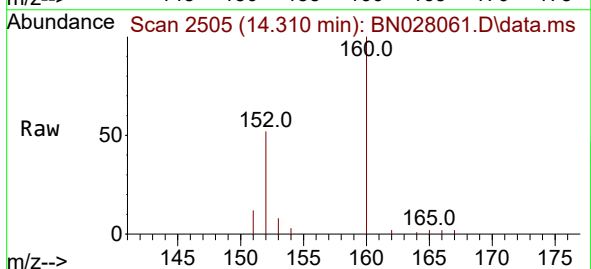
Instrument :
BNA_G
ClientSampleId :

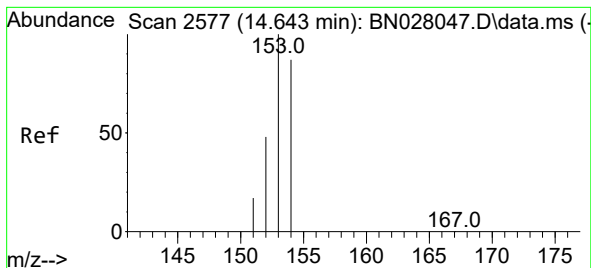
Tgt Ion:142 Resp: 2583
Ion Ratio Lower Upper
142 100
141 92.5 74.4 111.6



#10
Acenaphthylene
Concen: 0.155 ng/ul
RT: 14.310 min Scan# 2505
Delta R.T. -0.010 min
Lab File: BN028061.D
Acq: 05 Oct 2023 22:46

Tgt Ion:152 Resp: 5412
Ion Ratio Lower Upper
152 100
151 23.6 16.4 24.6
153 16.4 10.9 16.3#





#11

Acenaphthene

Concen: 0.041 ng/ul

RT: 14.643 min Scan# 2577

Delta R.T. -0.014 min

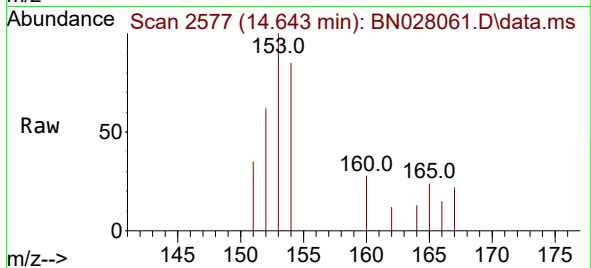
Lab File: BN028061.D

Acq: 05 Oct 2023 22:46

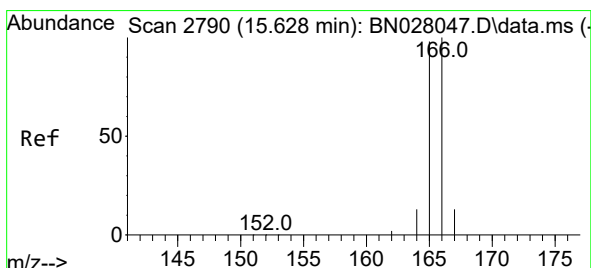
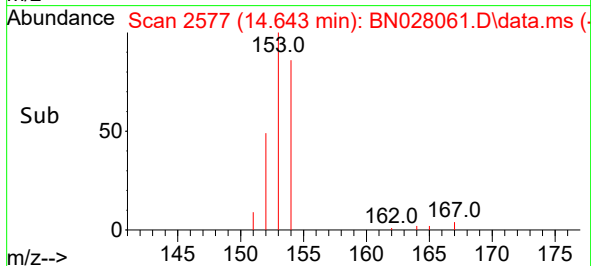
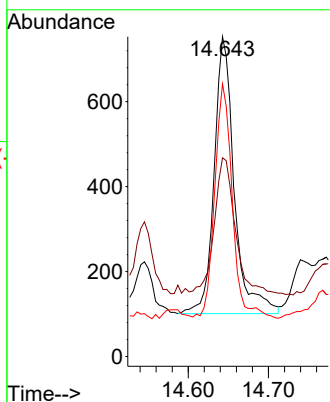
Instrument :

BNA_G

ClientSampleId :



Tgt Ion:	153	Resp:	1136
Ion Ratio	Lower	Upper	
153	100		
152	62.2	39.4	59.0#
154	85.3	70.2	105.4



#12

Fluorene

Concen: 0.043 ng/ul

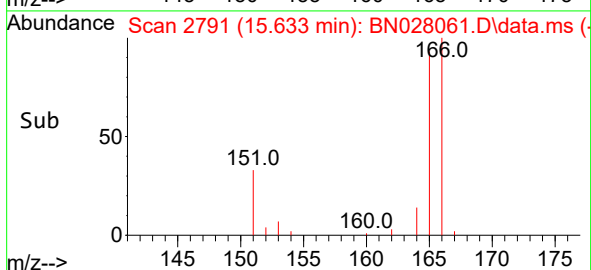
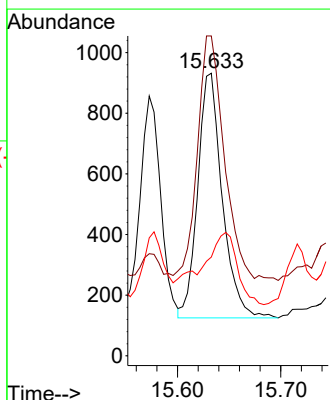
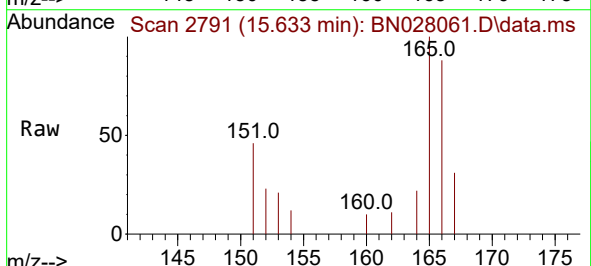
RT: 15.633 min Scan# 2791

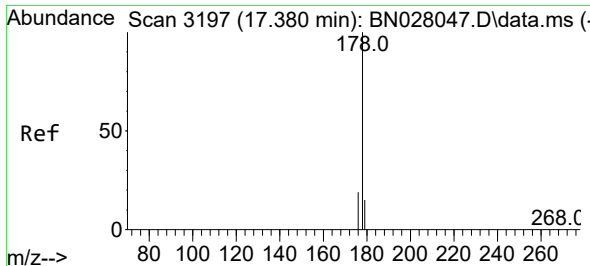
Delta R.T. -0.010 min

Lab File: BN028061.D

Acq: 05 Oct 2023 22:46

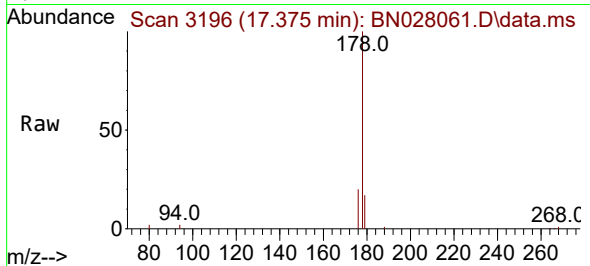
Tgt Ion:	166	Resp:	1332
Ion Ratio	Lower	Upper	
166	100		
165	113.2	78.5	117.7
167	35.0	11.2	16.8#



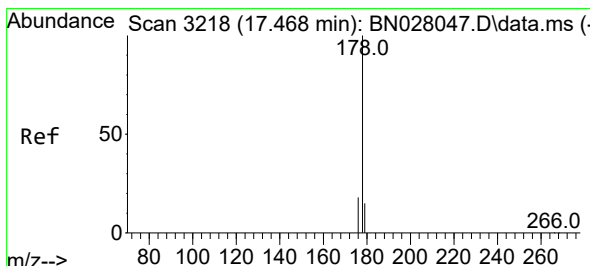
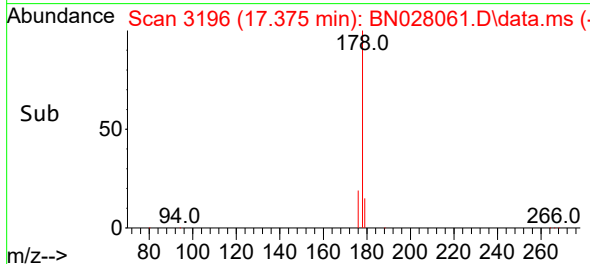
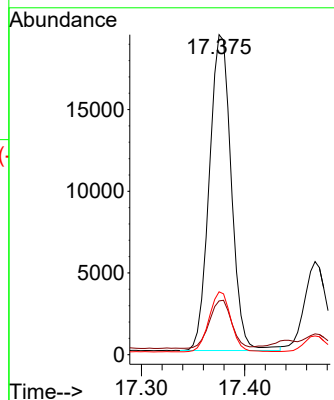


#15
Phenanthrene
Concen: 0.617 ng/ul
RT: 17.375 min Scan# 3196
Delta R.T. -0.013 min
Lab File: BN028061.D
Acq: 05 Oct 2023 22:46

Instrument :
BNA_G
ClientSampleId :

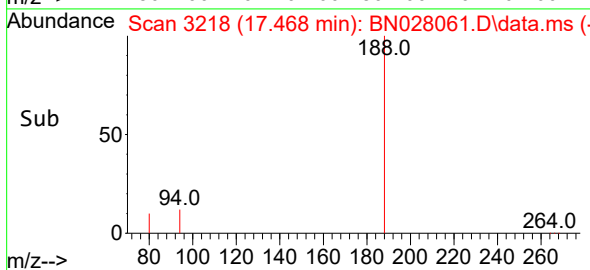
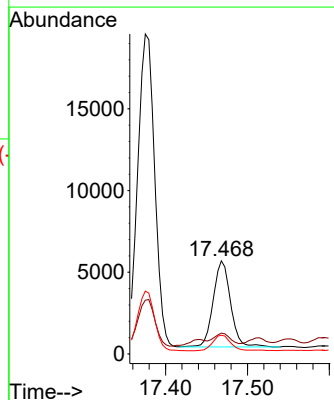
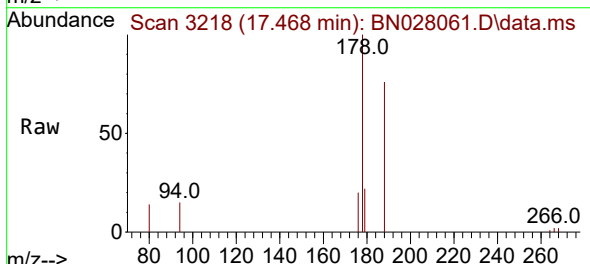


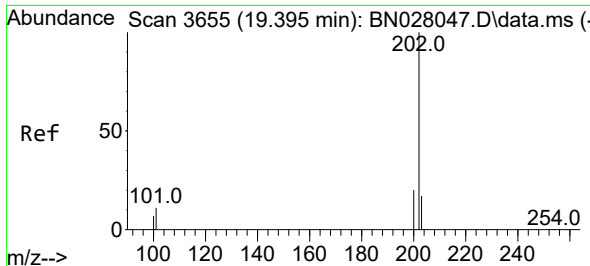
Tgt Ion:178 Resp: 28564
Ion Ratio Lower Upper
178 100
179 16.8 12.6 19.0
176 19.6 15.5 23.3



#16
Anthracene
Concen: 0.188 ng/ul
RT: 17.468 min Scan# 3218
Delta R.T. -0.013 min
Lab File: BN028061.D
Acq: 05 Oct 2023 22:46

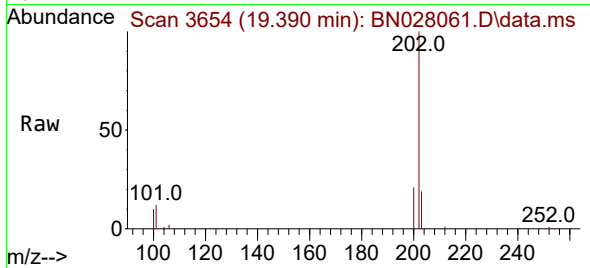
Tgt Ion:178 Resp: 7776
Ion Ratio Lower Upper
178 100
179 22.3 12.8 19.2#
176 20.1 15.0 22.6



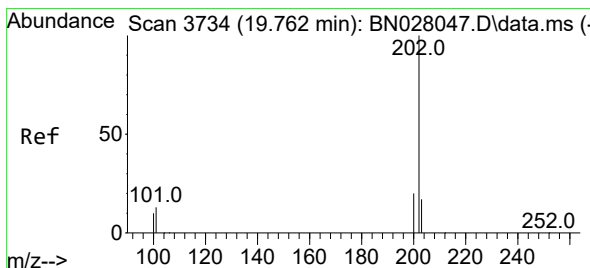
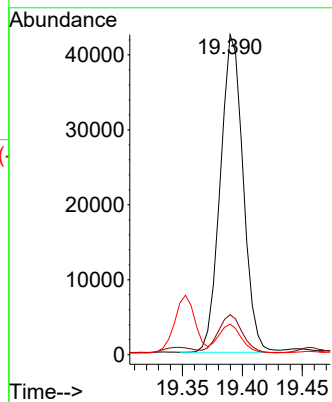
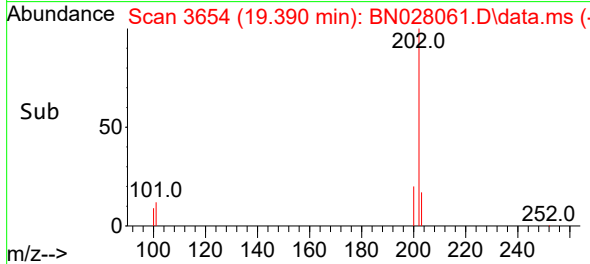


#19
Fluoranthene
Concen: 1.091 ng/ul
RT: 19.390 min Scan# 3654
Delta R.T. -0.014 min
Lab File: BN028061.D
Acq: 05 Oct 2023 22:46

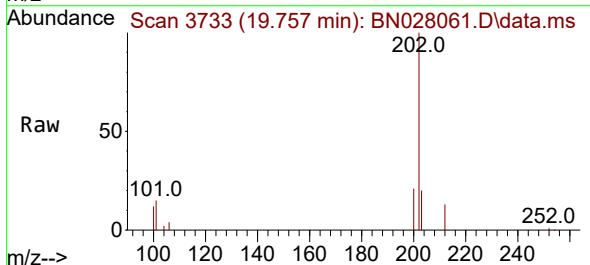
Instrument :
BNA_G
ClientSampleId :



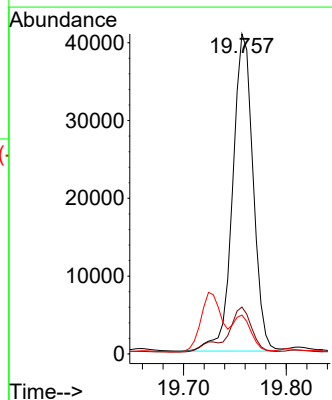
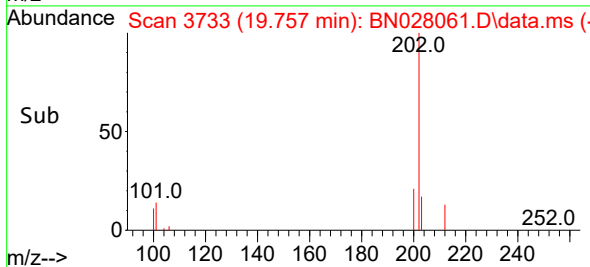
Tgt Ion:202 Resp: 56129
Ion Ratio Lower Upper
202 100
101 12.5 9.6 14.4
100 9.6 7.4 11.0

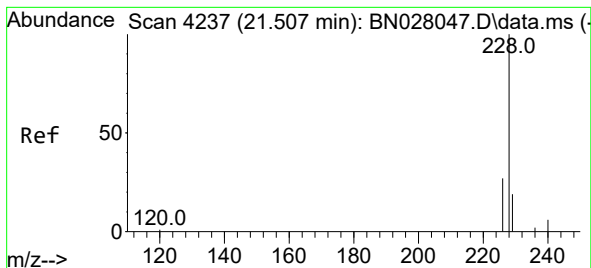


#20
Pyrene
Concen: 1.058 ng/ul
RT: 19.757 min Scan# 3733
Delta R.T. -0.014 min
Lab File: BN028061.D
Acq: 05 Oct 2023 22:46



Tgt Ion:202 Resp: 56426
Ion Ratio Lower Upper
202 100
101 14.6 11.2 16.8
100 12.1 9.1 13.7





#21

Benzo(a)anthracene

Concen: 0.654 ng/ul

RT: 21.501 min Scan# 4235

Delta R.T. -0.017 min

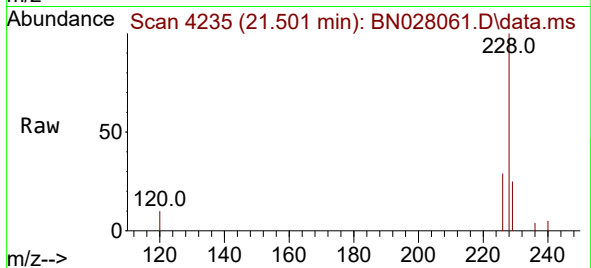
Lab File: BN028061.D

Acq: 05 Oct 2023 22:46

Instrument :

BNA_G

ClientSampleId :



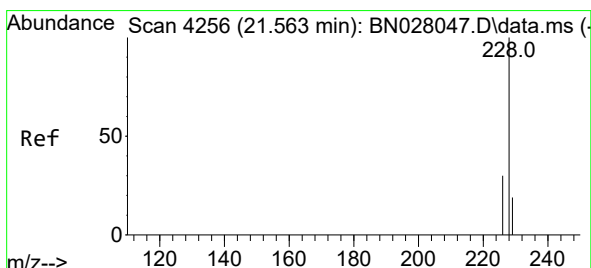
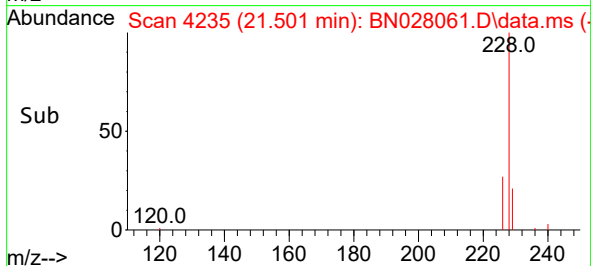
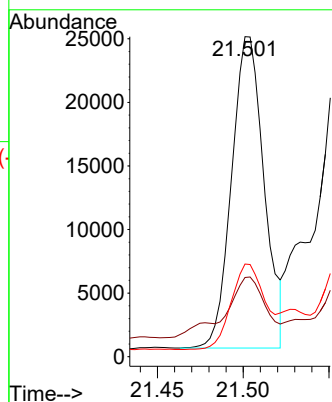
Tgt Ion:228 Resp: 32193

Ion Ratio Lower Upper

228 100

229 24.7 16.0 24.0#

226 28.9 21.5 32.3



#22

Chrysene

Concen: 0.864 ng/ul

RT: 21.557 min Scan# 4254

Delta R.T. -0.017 min

Lab File: BN028061.D

Acq: 05 Oct 2023 22:46

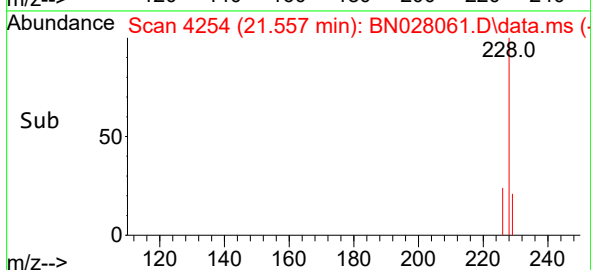
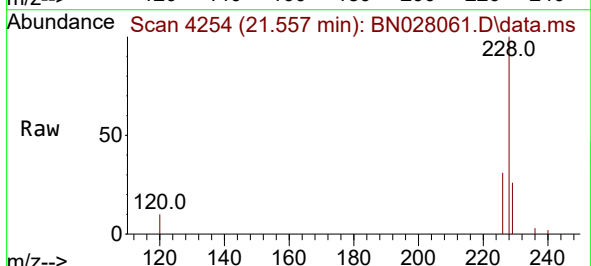
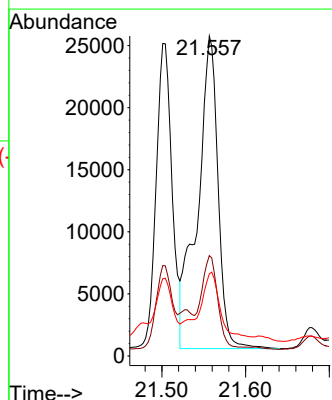
Tgt Ion:228 Resp: 42930

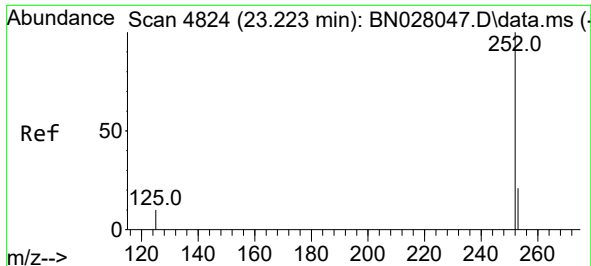
Ion Ratio Lower Upper

228 100

226 31.3 23.8 35.8

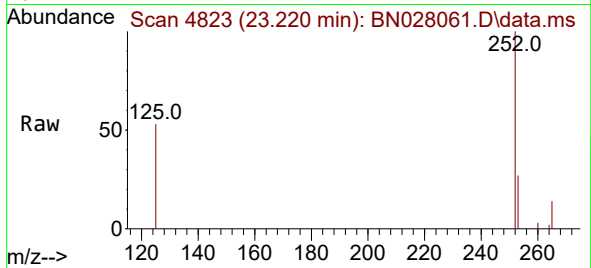
229 25.7 16.0 24.0#



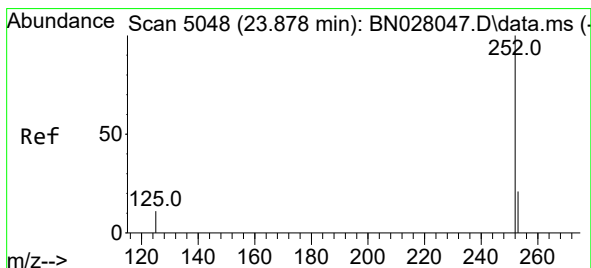
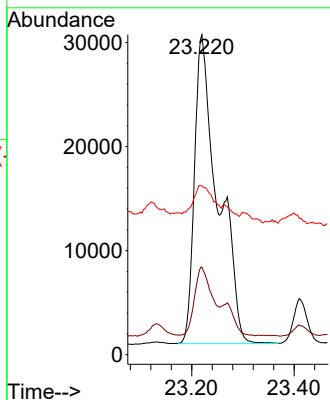


#24
Benzo(b)fluoranthene
Concen: 1.692 ng/ul
RT: 23.220 min Scan# 4824
Delta R.T. -0.020 min
Lab File: BN028061.D
Acq: 05 Oct 2023 22:46

Instrument :
BNA_G
ClientSampleId :

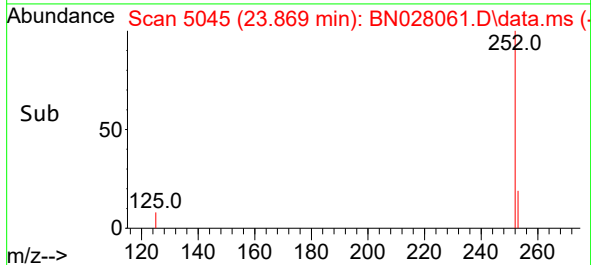
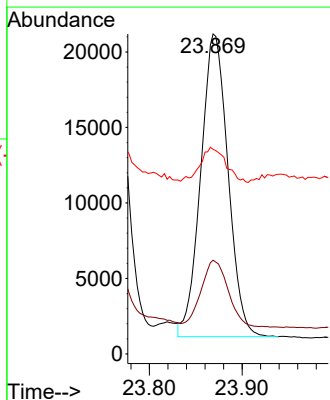
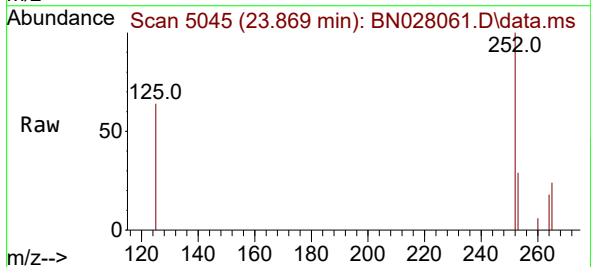


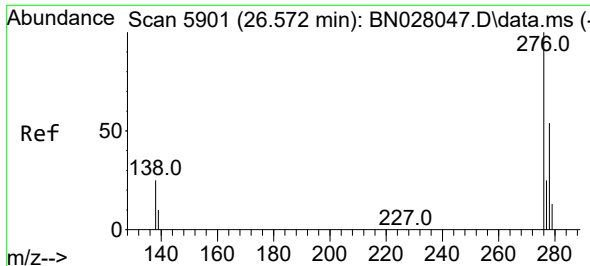
Tgt Ion:252 Resp: 94620
Ion Ratio Lower Upper
252 100
253 27.4 0.0 54.0
125 52.8 0.0 31.4#



#26
Benzo(a)pyrene
Concen: 0.861 ng/ul
RT: 23.869 min Scan# 5045
Delta R.T. -0.026 min
Lab File: BN028061.D
Acq: 05 Oct 2023 22:46

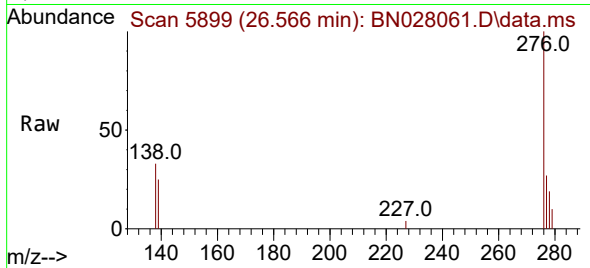
Tgt Ion:252 Resp: 41027
Ion Ratio Lower Upper
252 100
253 29.3 23.4 35.2
125 64.0 15.3 22.9#



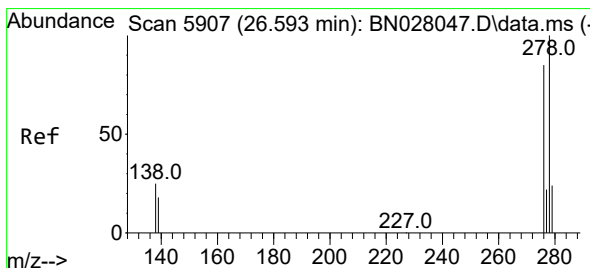
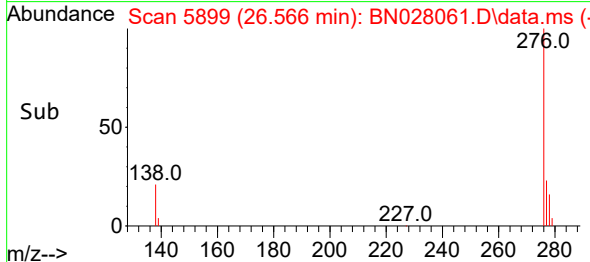
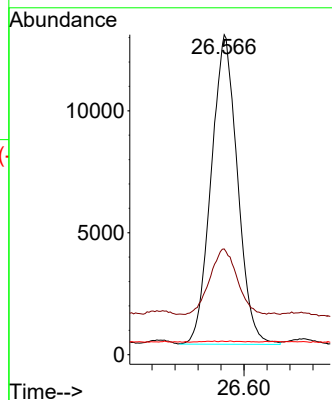


#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.697 ng/ul
 RT: 26.566 min Scan# 5899
 Delta R.T. -0.037 min
 Lab File: BN028061.D
 Acq: 05 Oct 2023 22:46

Instrument :
 BNA_G
 ClientSampleId :

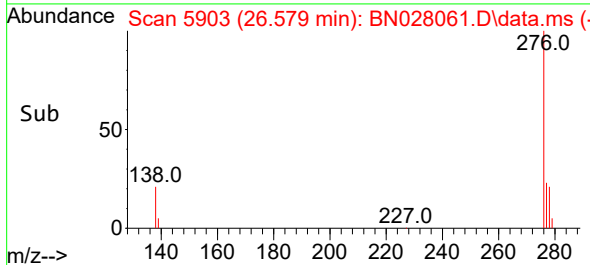
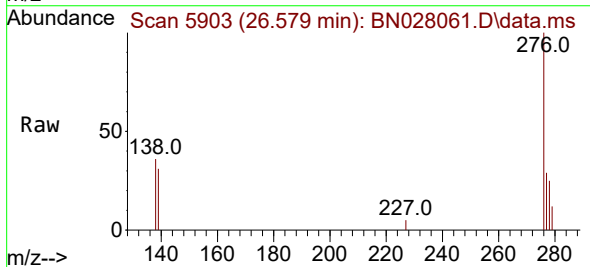
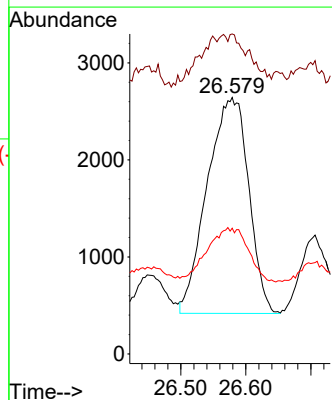


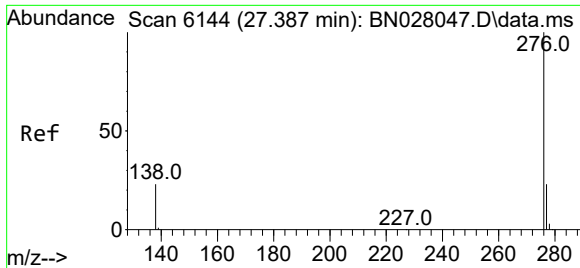
Tgt Ion:276 Resp: 40193
 Ion Ratio Lower Upper
 276 100
 138 21.9 21.6 32.4
 227 0.0 0.2 0.2#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.210 ng/ul
 RT: 26.579 min Scan# 5903
 Delta R.T. -0.040 min
 Lab File: BN028061.D
 Acq: 05 Oct 2023 22:46

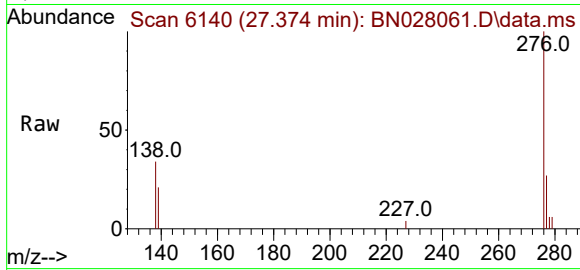
Tgt Ion:278 Resp: 9836
 Ion Ratio Lower Upper
 278 100
 139 124.7 15.9 23.9#
 279 49.0 22.8 34.2#





#29
 Benzo(g,h,i)perylene
 Concen: 0.898 ng/ul
 RT: 27.374 min Scan# 6140
 Delta R.T. -0.047 min
 Lab File: BN028061.D
 Acq: 05 Oct 2023 22:46

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:276 Resp: 42345
 Ion Ratio Lower Upper
 276 100
 138 34.1 19.8 29.6#
 277 27.5 20.6 31.0

