

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100523\
 Data File : BN028083.D
 Acq On : 06 Oct 2023 14:02
 Operator : MA/JU
 Sample : 04527-11DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 07 00:30:50 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)

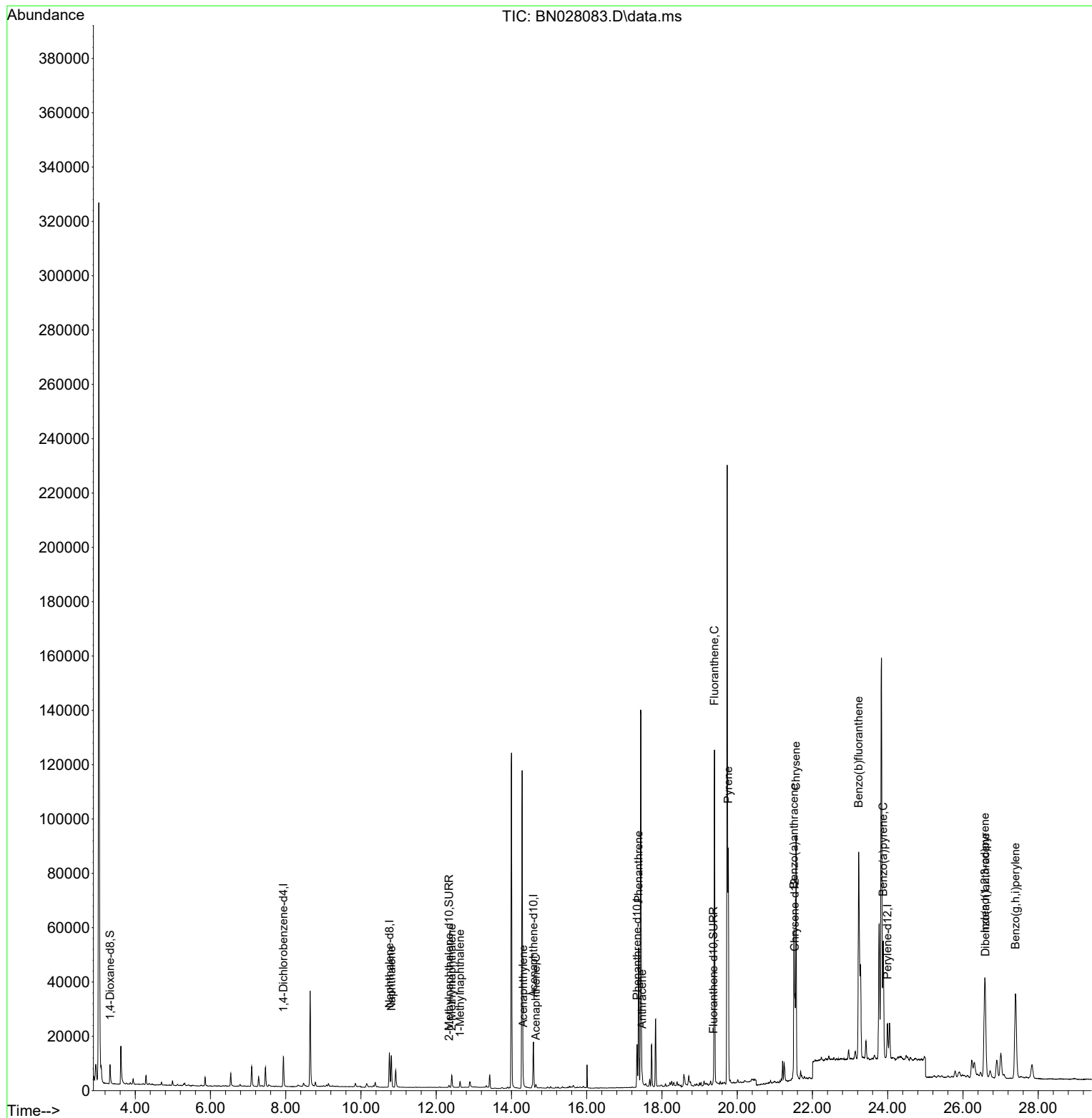
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	5678	0.400	ng/ul	0.00
4) Naphthalene-d8	10.757	136	17538	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.583	164	9330	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.337	188	18391	0.400	ng/ul	0.00
17) Chrysene-d12	21.527	240	16359	0.400	ng/ul	# 0.00
23) Perylene-d12	23.994	264	17951	0.400	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.330	96	5139	0.721	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.341	152	1078	0.038	ng/ul	0.00
18) Fluoranthene-d10	19.366	212	2274	0.044	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.806	128	15949	0.320	ng/ul	100
7) 2-Methylnaphthalene	12.412	142	3420	0.109	ng/ul	97
8) 1-Methylnaphthalene	12.632	142	1517	0.047	ng/ul	99
10) Acenaphthylene	14.310	152	2192	0.052	ng/ul#	86
11) Acenaphthene	14.647	153	843	0.025	ng/ul#	92
15) Phenanthrene	17.380	178	54899	1.002	ng/ul	100
16) Anthracene	17.472	178	2761	0.056	ng/ul#	83
19) Fluoranthene	19.394	202	102954	1.648	ng/ul	99
20) Pyrene	19.762	202	71305	1.101	ng/ul	100
21) Benzo(a)anthracene	21.507	228	46488	0.778	ng/ul	96
22) Chrysene	21.562	228	92490	1.533	ng/ul	97
24) Benzo(b)fluoranthene	23.228	252	174485	2.621	ng/ul	96
26) Benzo(a)pyrene	23.880	252	62439	1.100	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.582	276	68083	0.991	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.599	278	18845	0.337	ng/ul#	69
29) Benzo(g,h,i)perylene	27.394	276	69931	1.246	ng/ul	99

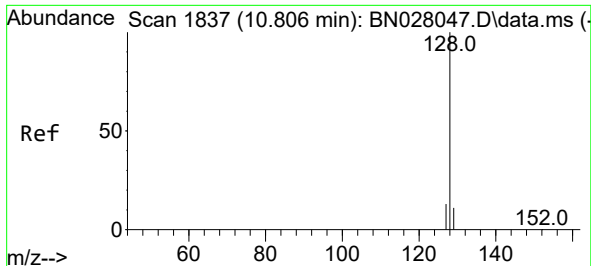
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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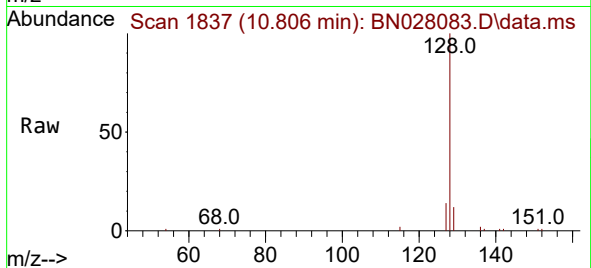
Quant Time: Oct 07 00:30:50 2023
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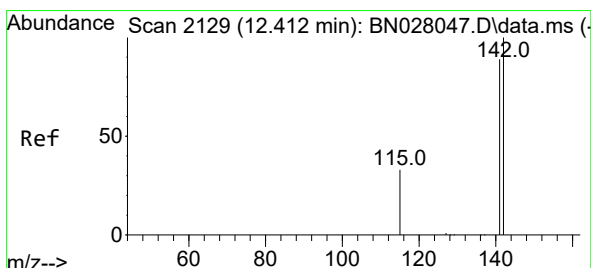
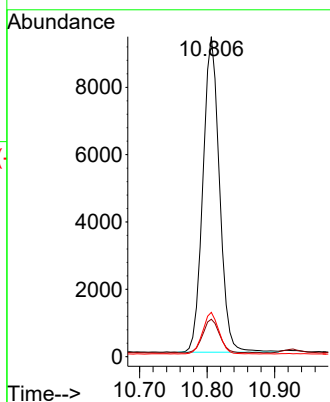


#5
Naphthalene
Concen: 0.320 ng/ul
RT: 10.806 min Scan# 1837
Delta R.T. -0.000 min
Lab File: BN028083.D
Acq: 06 Oct 2023 14:02

Instrument :
BNA_G
ClientSampleId :

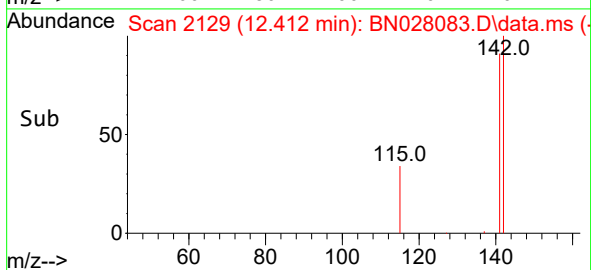
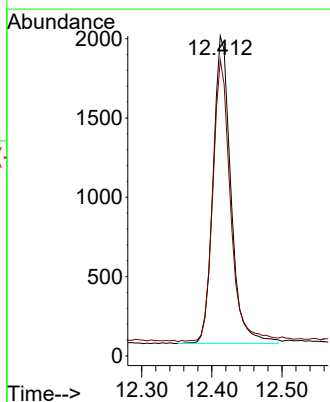
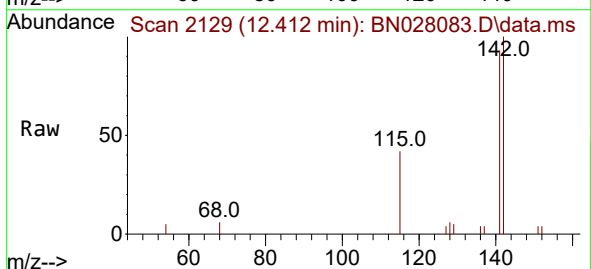


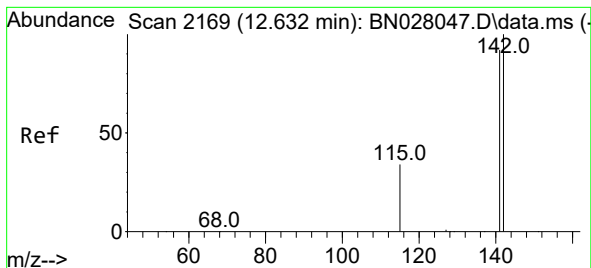
Tgt Ion:128 Resp: 15949
Ion Ratio Lower Upper
128 100
129 11.7 9.4 14.0
127 13.9 11.0 16.4



#7
2-Methylnaphthalene
Concen: 0.109 ng/ul
RT: 12.412 min Scan# 2129
Delta R.T. -0.000 min
Lab File: BN028083.D
Acq: 06 Oct 2023 14:02

Tgt Ion:142 Resp: 3420
Ion Ratio Lower Upper
142 100
141 91.2 70.9 106.3





#8

1-Methylnaphthalene

Concen: 0.047 ng/ul

RT: 12.632 min Scan# 2169

Delta R.T. 0.005 min

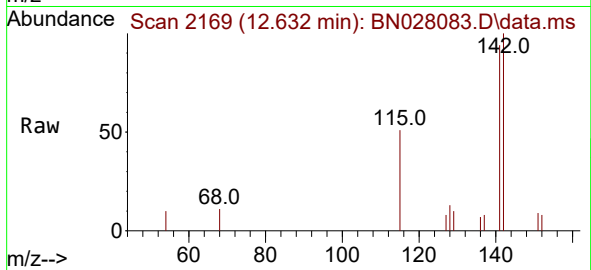
Lab File: BN028083.D

Acq: 06 Oct 2023 14:02

Instrument :

BNA_G

ClientSampleId :

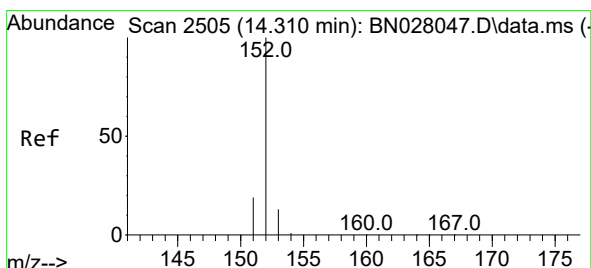
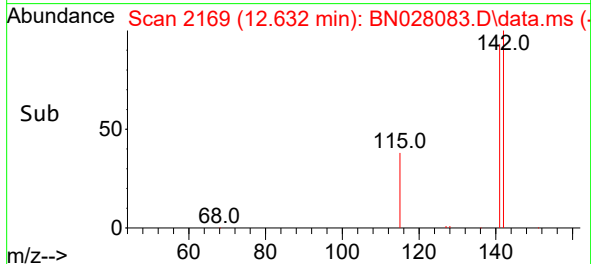
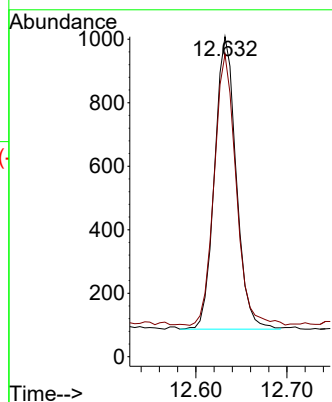


Tgt Ion:142 Resp: 1517

Ion Ratio Lower Upper

142 100

141 93.9 74.4 111.6



#10

Acenaphthylene

Concen: 0.052 ng/ul

RT: 14.310 min Scan# 2505

Delta R.T. -0.000 min

Lab File: BN028083.D

Acq: 06 Oct 2023 14:02

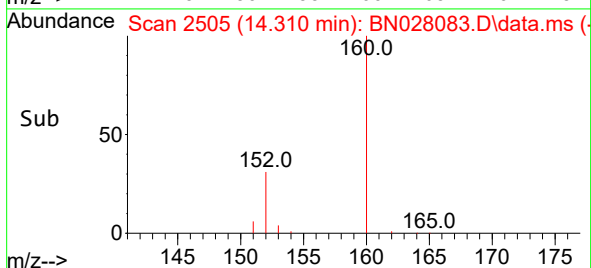
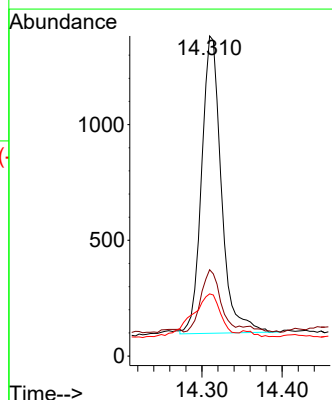
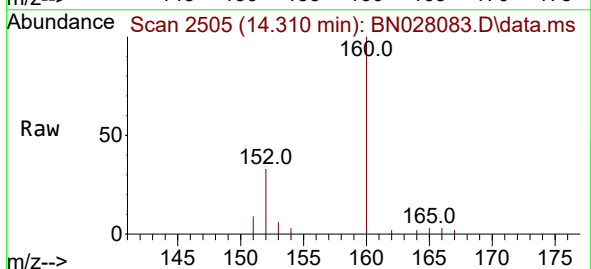
Tgt Ion:152 Resp: 2192

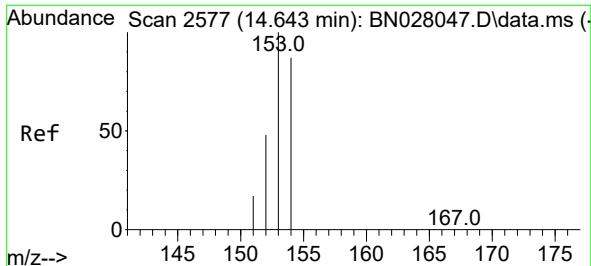
Ion Ratio Lower Upper

152 100

151 27.0 16.4 24.6#

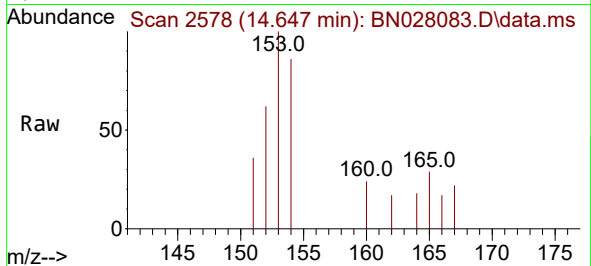
153 19.5 10.9 16.3#



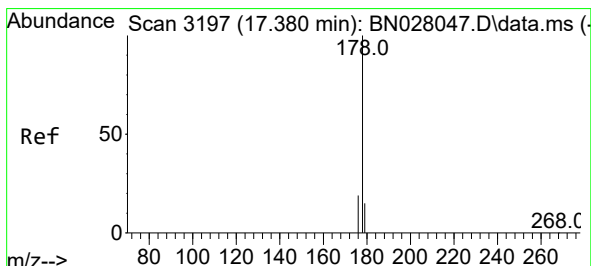
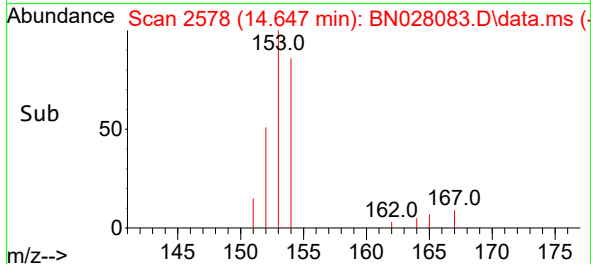
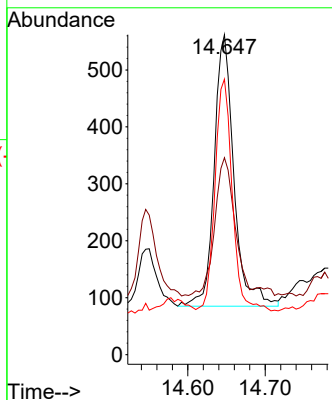


#11
Acenaphthene
Concen: 0.025 ng/ul
RT: 14.647 min Scan# 21
Delta R.T. 0.005 min
Lab File: BN028083.D
Acq: 06 Oct 2023 14:02

Instrument :
BNA_G
ClientSampleId :

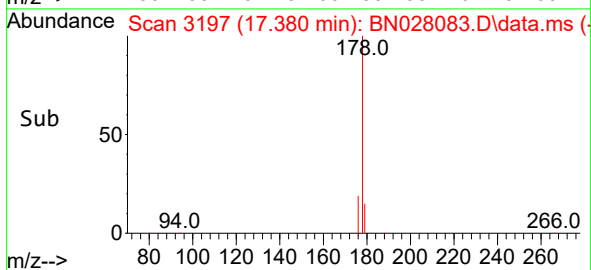
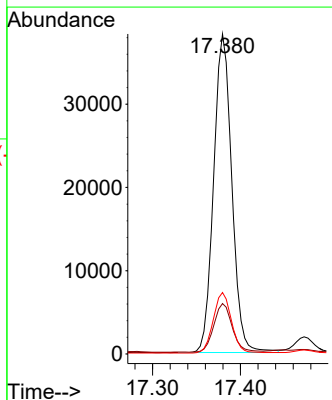
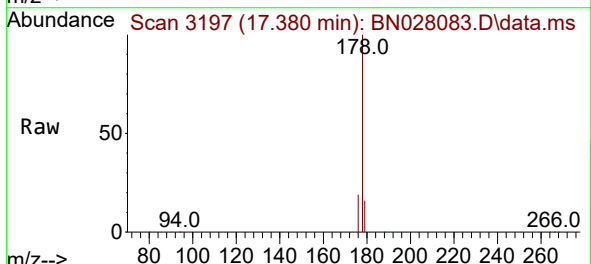


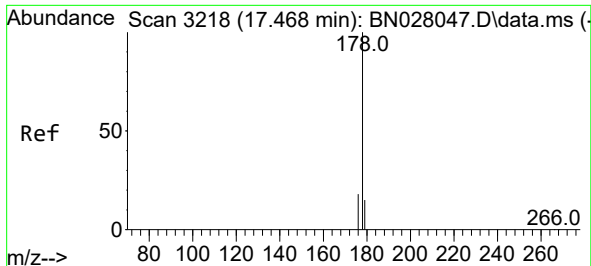
Tgt Ion:153 Resp: 843
Ion Ratio Lower Upper
153 100
152 61.6 39.4 59.0#
154 86.1 70.2 105.4



#15
Phenanthrene
Concen: 1.002 ng/ul
RT: 17.380 min Scan# 3197
Delta R.T. 0.004 min
Lab File: BN028083.D
Acq: 06 Oct 2023 14:02

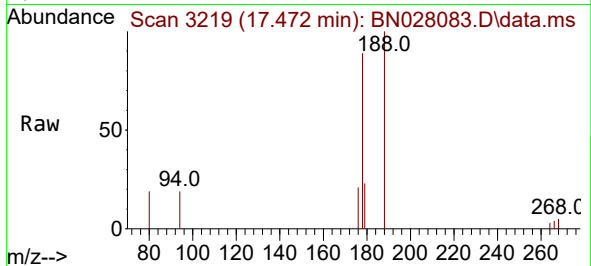
Tgt Ion:178 Resp: 54899
Ion Ratio Lower Upper
178 100
179 15.7 12.6 19.0
176 19.2 15.5 23.3



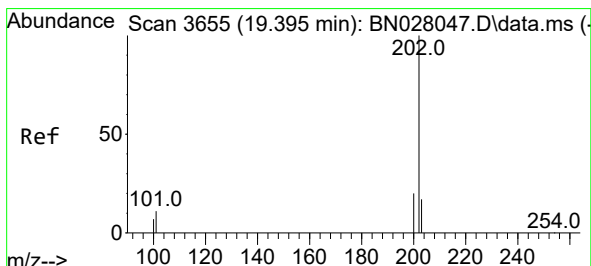
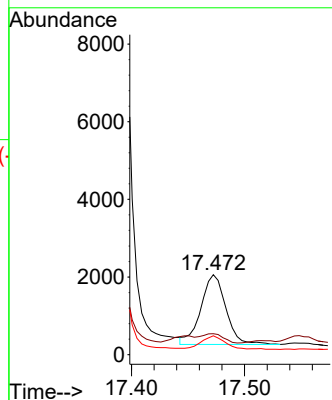
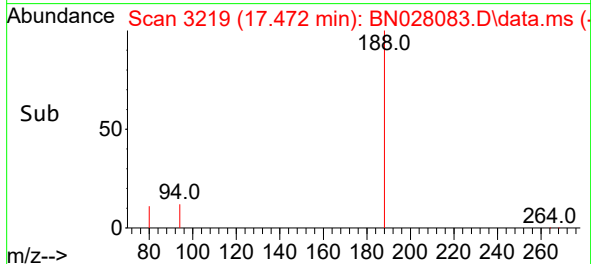


#16
 Anthracene
 Concen: 0.056 ng/ul
 RT: 17.472 min Scan# 3219
 Delta R.T. 0.004 min
 Lab File: BN028083.D
 Acq: 06 Oct 2023 14:02

Instrument :
 BNA_G
 ClientSampleId :

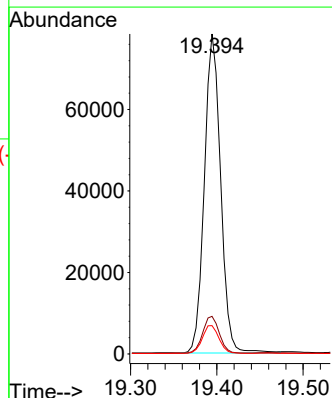
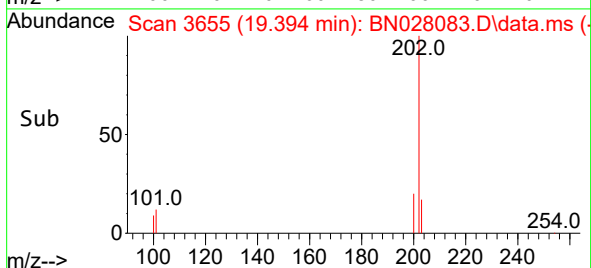
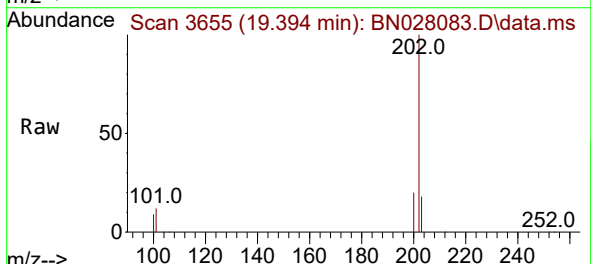


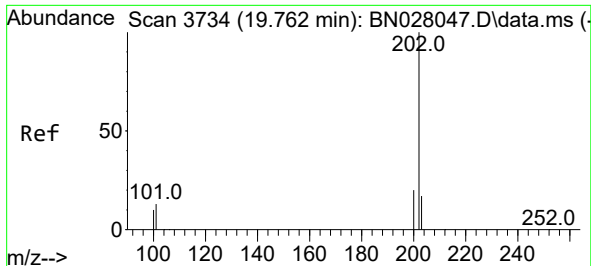
Tgt Ion:178 Resp: 2761
 Ion Ratio Lower Upper
 178 100
 179 26.3 12.8 19.2#
 176 23.6 15.0 22.6#



#19
 Fluoranthene
 Concen: 1.648 ng/ul
 RT: 19.394 min Scan# 3655
 Delta R.T. 0.005 min
 Lab File: BN028083.D
 Acq: 06 Oct 2023 14:02

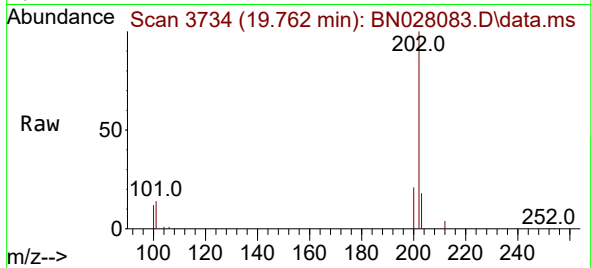
Tgt Ion:202 Resp: 102954
 Ion Ratio Lower Upper
 202 100
 101 11.7 9.6 14.4
 100 8.9 7.4 11.0



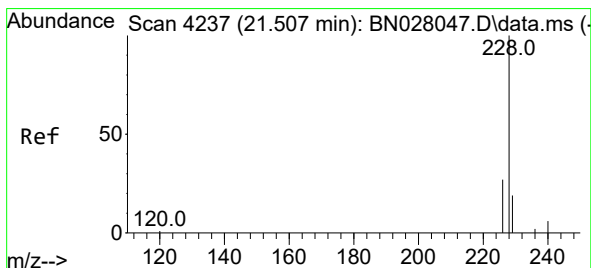
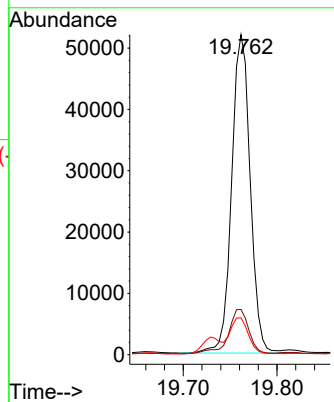
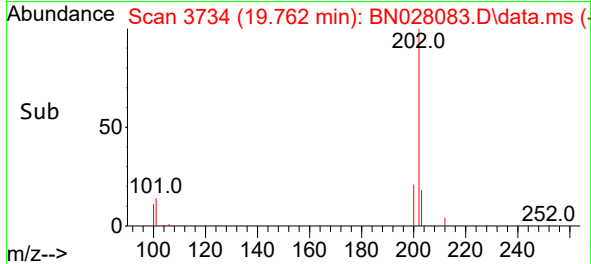


#20
Pyrene
Concen: 1.101 ng/ul
RT: 19.762 min Scan# 3734
Delta R.T. 0.005 min
Lab File: BN028083.D
Acq: 06 Oct 2023 14:02

Instrument :
BNA_G
ClientSampleId :

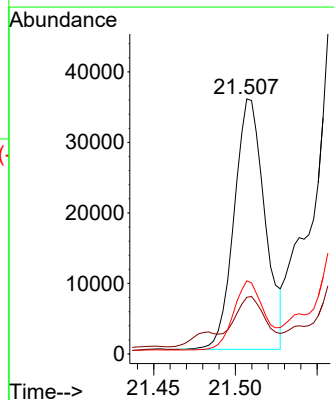
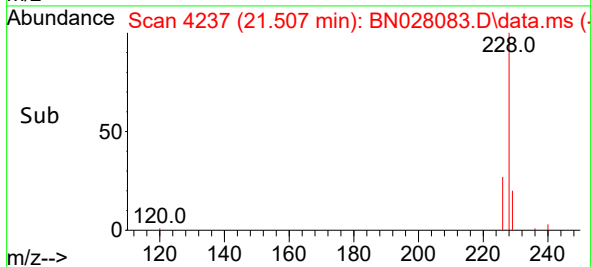
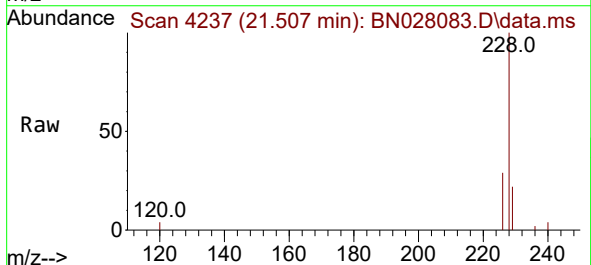


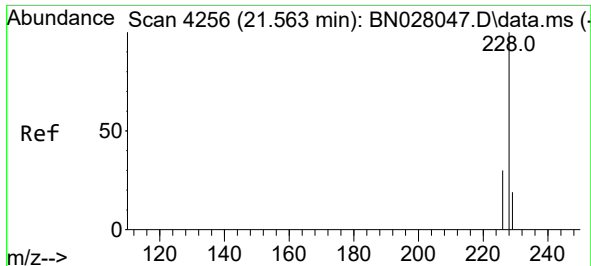
Tgt Ion:202 Resp: 71305
Ion Ratio Lower Upper
202 100
101 14.2 11.2 16.8
100 11.5 9.1 13.7



#21
Benzo(a)anthracene
Concen: 0.778 ng/ul
RT: 21.507 min Scan# 4237
Delta R.T. 0.006 min
Lab File: BN028083.D
Acq: 06 Oct 2023 14:02

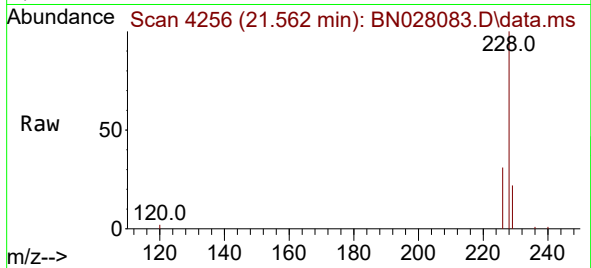
Tgt Ion:228 Resp: 46488
Ion Ratio Lower Upper
228 100
229 22.2 16.0 24.0
226 28.6 21.5 32.3



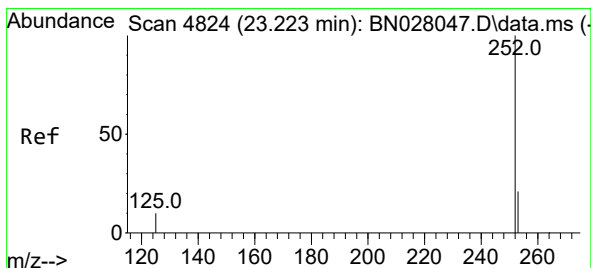
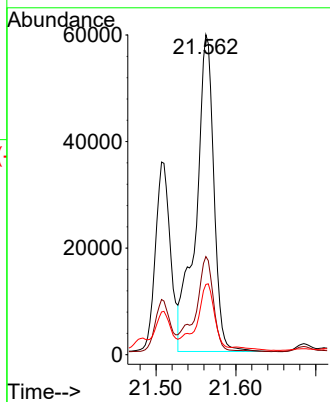
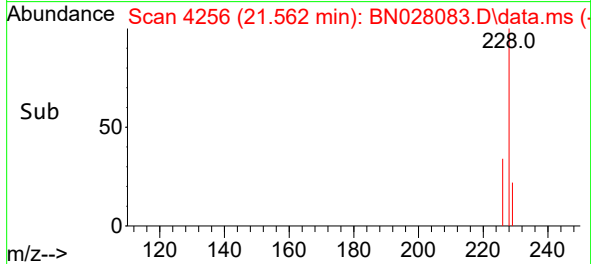


#22
Chrysene
Concen: 1.533 ng/ul
RT: 21.562 min Scan# 4256
Delta R.T. 0.006 min
Lab File: BN028083.D
Acq: 06 Oct 2023 14:02

Instrument :
BNA_G
ClientSampleId :

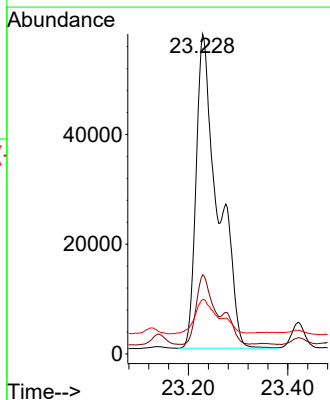
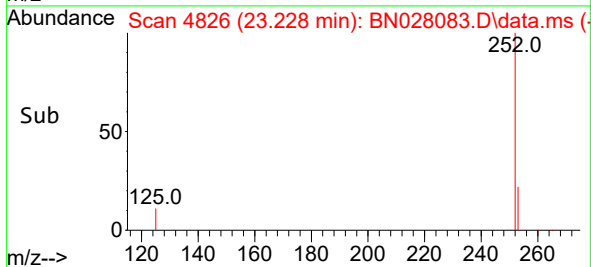
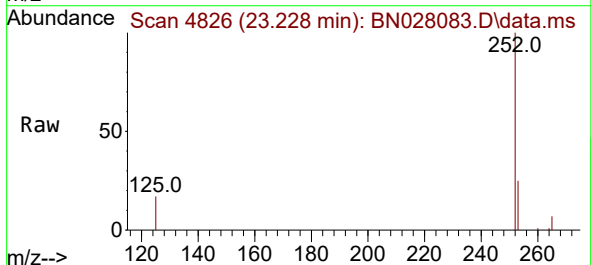


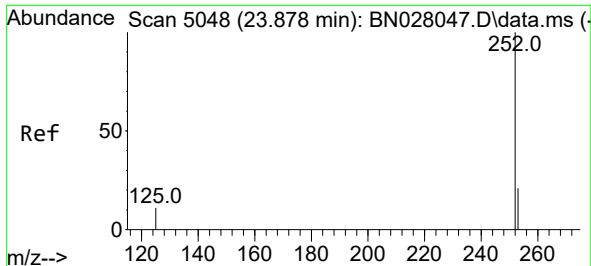
Tgt Ion:228 Resp: 92490
Ion Ratio Lower Upper
228 100
226 30.6 23.8 35.8
229 21.9 16.0 24.0



#24
Benzo(b)fluoranthene
Concen: 2.621 ng/ul
RT: 23.228 min Scan# 4826
Delta R.T. 0.012 min
Lab File: BN028083.D
Acq: 06 Oct 2023 14:02

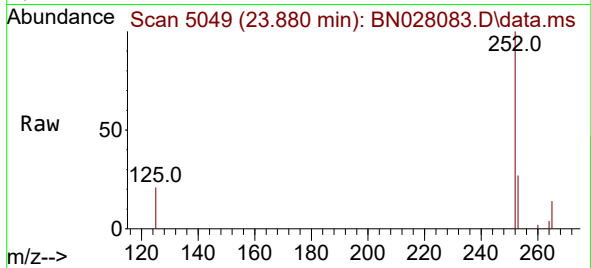
Tgt Ion:252 Resp: 174485
Ion Ratio Lower Upper
252 100
253 24.8 0.0 54.0
125 17.0 0.0 31.4



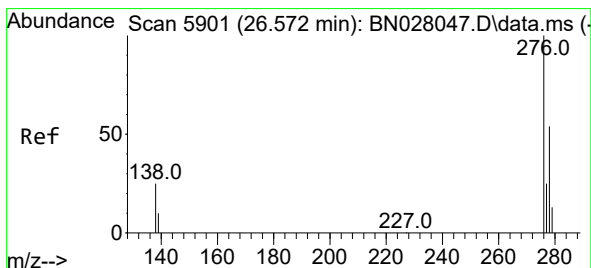
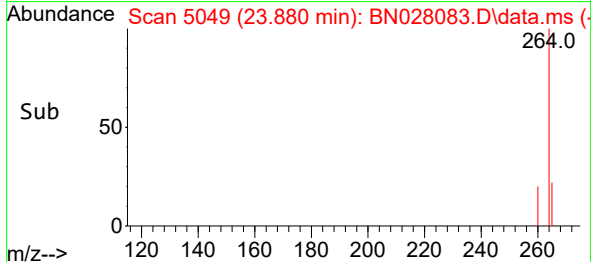
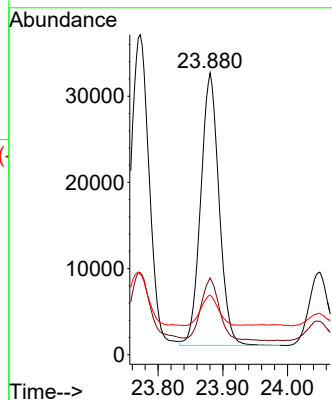


#26
Benzo(a)pyrene
Concen: 1.100 ng/ul
RT: 23.880 min Scan# 5048
Delta R.T. 0.012 min
Lab File: BN028083.D
Acq: 06 Oct 2023 14:02

Instrument :
BNA_G
ClientSampleId :

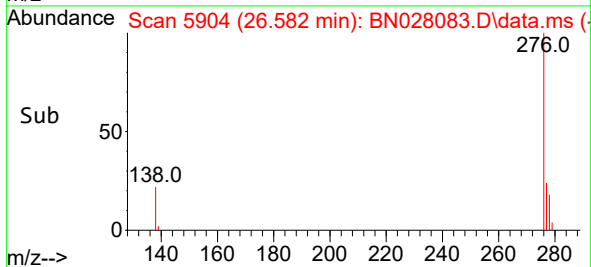
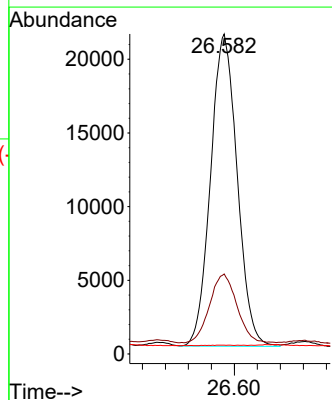
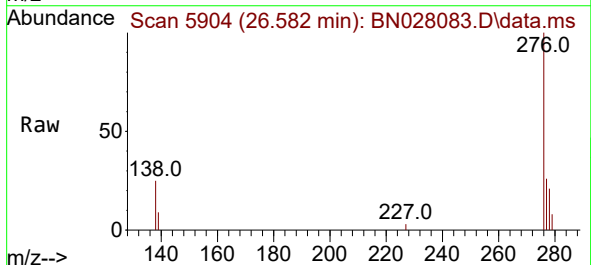


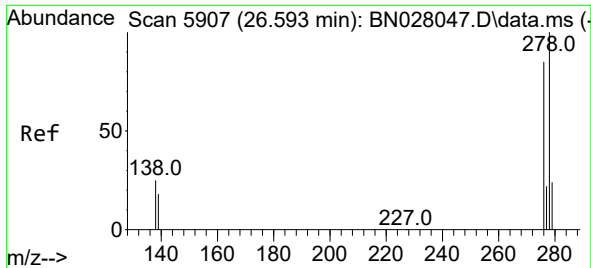
Tgt Ion:252 Resp: 62439
Ion Ratio Lower Upper
252 100
253 27.1 23.4 35.2
125 21.1 15.3 22.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.991 ng/ul
RT: 26.582 min Scan# 5904
Delta R.T. 0.017 min
Lab File: BN028083.D
Acq: 06 Oct 2023 14:02

Tgt Ion:276 Resp: 68083
Ion Ratio Lower Upper
276 100
138 22.6 21.6 32.4
227 0.1 0.2 0.2#

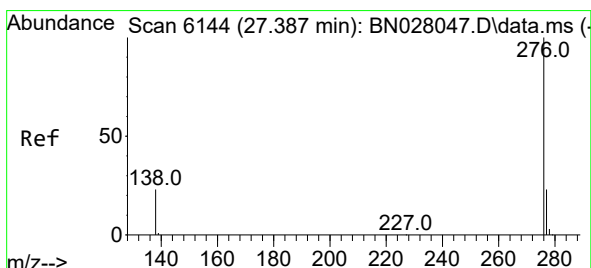
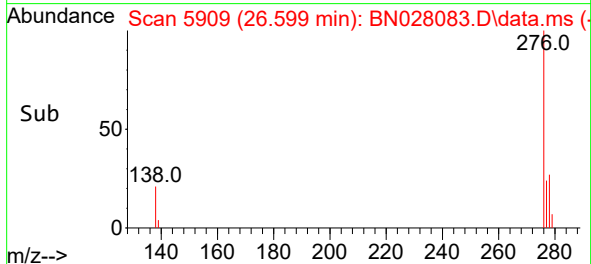
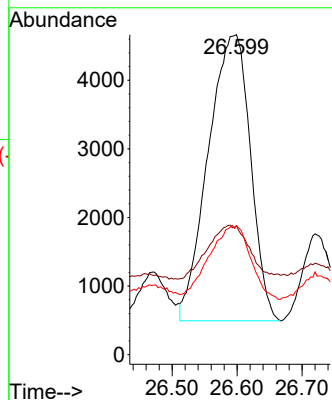
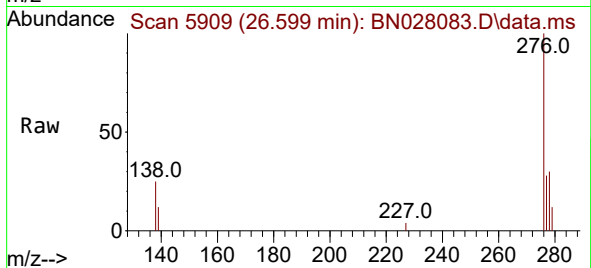




#28
Dibenzo(a,h)anthracene
Concen: 0.337 ng/ul
RT: 26.599 min Scan# 5909
Delta R.T. 0.017 min
Lab File: BN028083.D
Acq: 06 Oct 2023 14:02

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:278 Resp: 18845
Ion Ratio Lower Upper
278 100
139 40.3 15.9 23.9#
279 40.2 22.8 34.2#



#29
Benzo(g,h,i)perylene
Concen: 1.246 ng/ul
RT: 27.394 min Scan# 6146
Delta R.T. 0.017 min
Lab File: BN028083.D
Acq: 06 Oct 2023 14:02

Tgt Ion:276 Resp: 69931
Ion Ratio Lower Upper
276 100
138 26.0 19.8 29.6
277 25.7 20.6 31.0

