

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026261.D
 Acq On : 04 Jul 2023 13:45
 Operator : MA/JU
 Sample : 03247-06DL 5X
 Misc :
 ALS Vial : 118 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 04 23:30:14 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 04 00:40:07 2023
 Response via : Initial Calibration

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

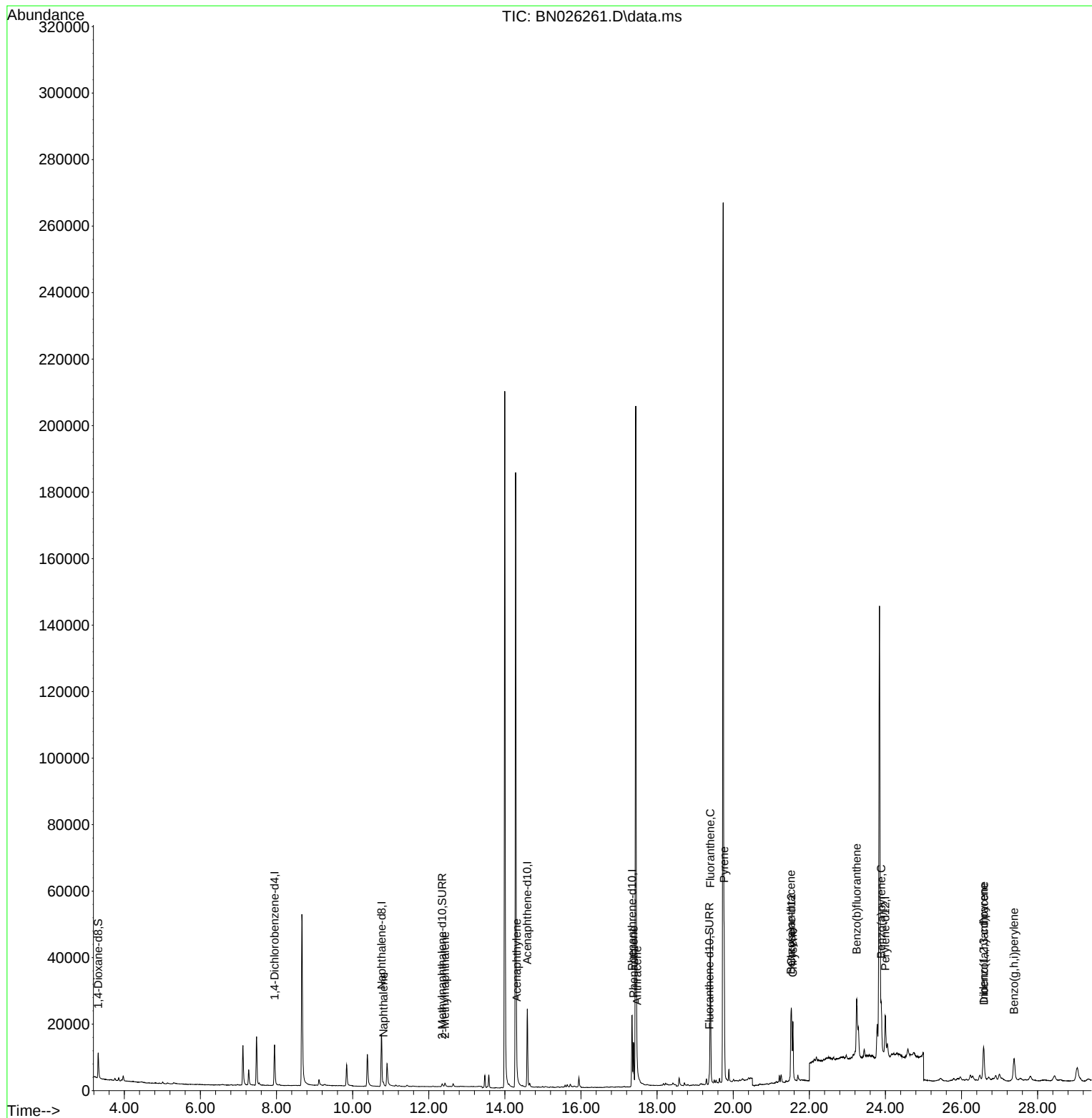
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	7586	0.400	ng/ul	0.00
4) Naphthalene-d8	10.759	136	24420	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.589	164	13910	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.343	188	27147	0.400	ng/ul	0.00
17) Chrysene-d12	21.532	240	15420	0.400	ng/ul	0.00
23) Perylene-d12	23.996	264	17162	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	5493	0.643	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.354	152	1633	0.043	ng/ul	0.00
18) Fluoranthene-d10	19.373	212	3047	0.052	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.809	128	1406	0.020	ng/ul#	78
7) 2-Methylnaphthalene	12.425	142	959	0.022	ng/ul	97
10) Acenaphthylene	14.311	152	1932	0.030	ng/ul#	79
15) Phenanthrene	17.381	178	14957	0.167	ng/ul	97
16) Anthracene	17.473	178	3000	0.038	ng/ul#	81
19) Fluoranthene	19.401	202	42384	0.515	ng/ul	99
20) Pyrene	19.763	202	35990	0.420	ng/ul	97
21) Benzo(a)anthracene	21.514	228	16277	0.256	ng/ul#	94
22) Chrysene	21.570	228	20365	0.308	ng/ul#	94
24) Benzo(b)fluoranthene	23.245	252	42530	0.581	ng/ul	92
26) Benzo(a)pyrene	23.891	252	19119	0.301	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.581	276	16249	0.234	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.588	278	3797	0.072	ng/ul#	31
29) Benzo(g,h,i)perylene	27.383	276	14748	0.239	ng/ul#	92

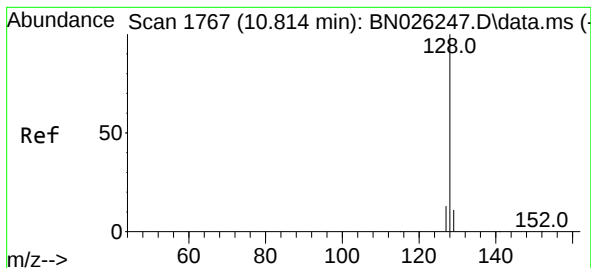
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.020 ng/ul

RT: 10.809 min Scan# 1766

Delta R.T. -0.005 min

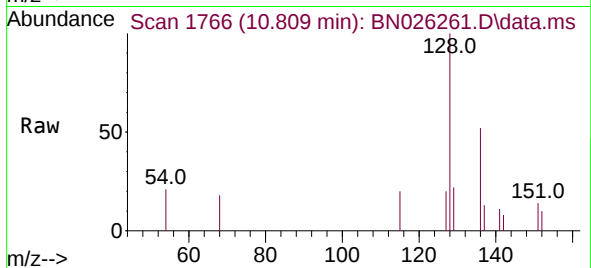
Lab File: BN026261.D

Acq: 04 Jul 2023 13:45

Instrument :

BNA_N

ClientSampleId :



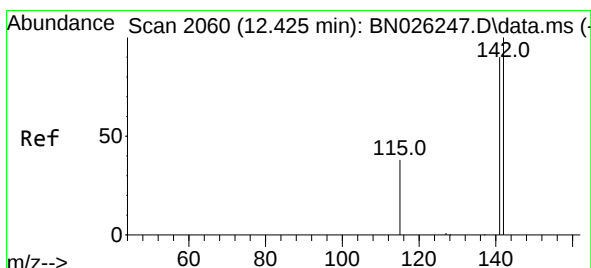
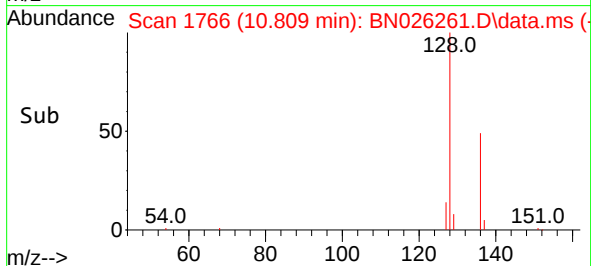
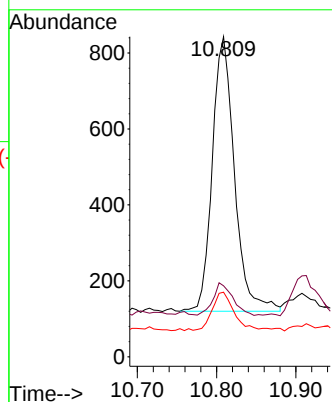
Tgt Ion:128 Resp: 1406

Ion Ratio Lower Upper

128 100

129 22.2 9.1 13.7#

127 20.2 10.7 16.1#



#7

2-Methylnaphthalene

Concen: 0.022 ng/ul

RT: 12.425 min Scan# 2060

Delta R.T. -0.005 min

Lab File: BN026261.D

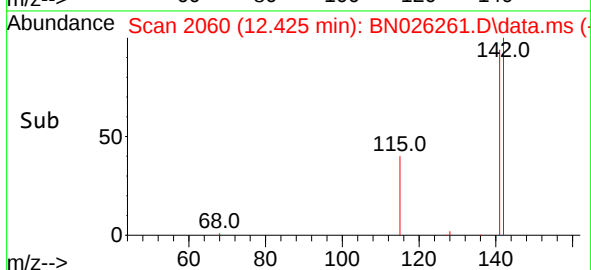
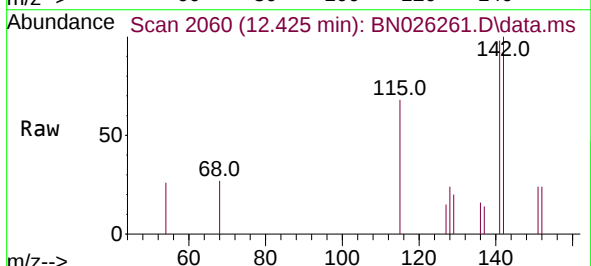
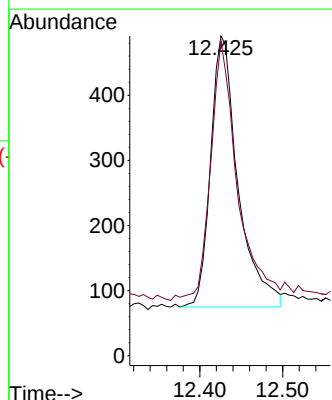
Acq: 04 Jul 2023 13:45

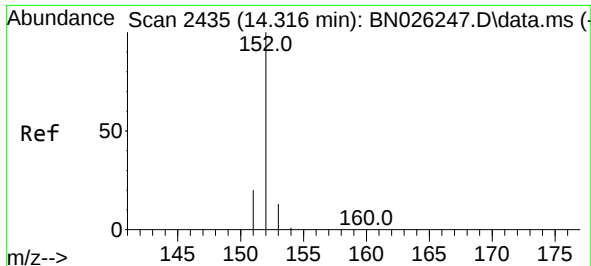
Tgt Ion:142 Resp: 959

Ion Ratio Lower Upper

142 100

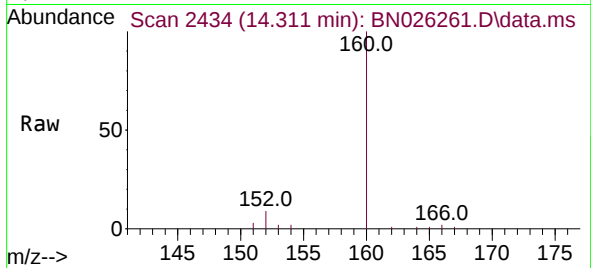
141 93.0 71.9 107.9



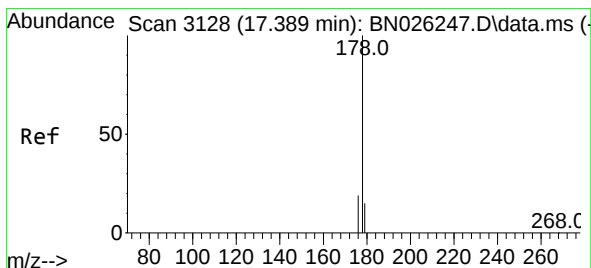
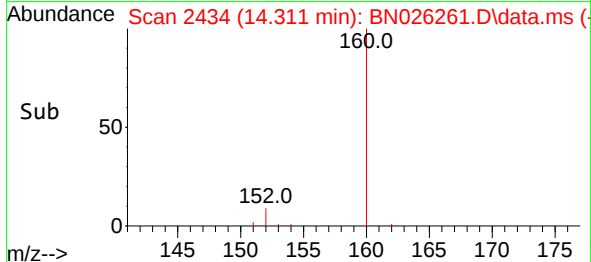
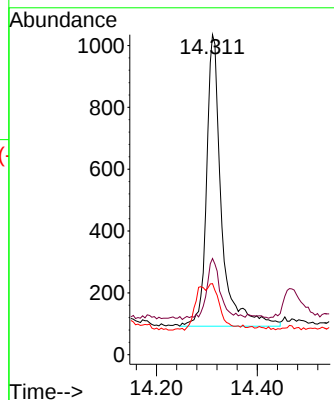


#10
Acenaphthylene
Concen: 0.030 ng/ul
RT: 14.311 min Scan# 2434
Delta R.T. -0.009 min
Lab File: BN026261.D
Acq: 04 Jul 2023 13:45

Instrument :
BNA_N
ClientSampleId :

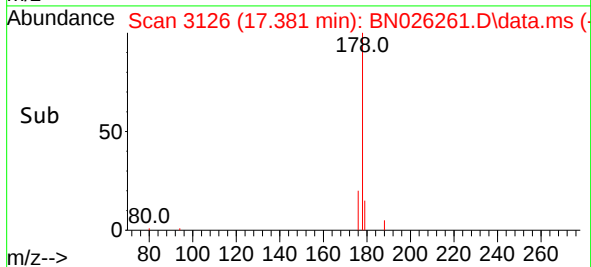
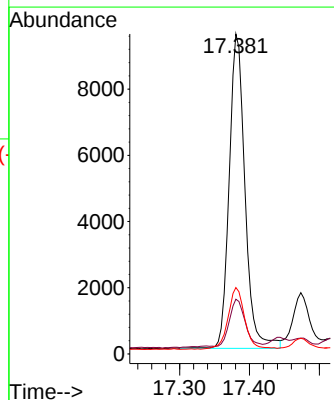
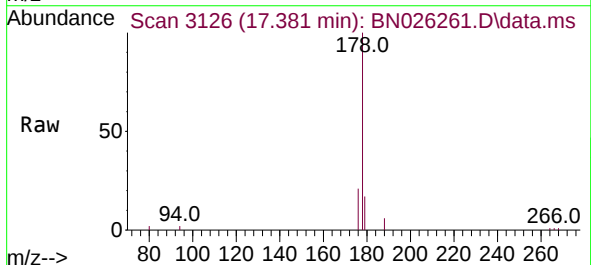


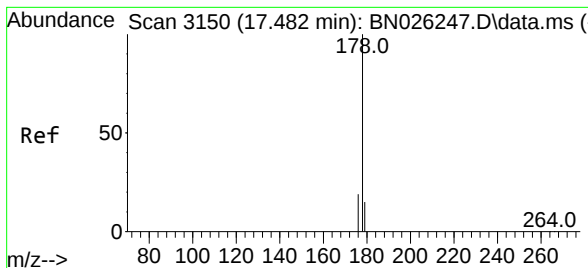
Tgt Ion:152 Resp: 1932
Ion Ratio Lower Upper
152 100
151 30.0 16.2 24.4#
153 22.2 10.9 16.3#



#15
Phenanthrene
Concen: 0.167 ng/ul
RT: 17.381 min Scan# 3126
Delta R.T. -0.008 min
Lab File: BN026261.D
Acq: 04 Jul 2023 13:45

Tgt Ion:178 Resp: 14957
Ion Ratio Lower Upper
178 100
179 17.1 12.6 19.0
176 20.7 15.8 23.6





#16

Anthracene

Concen: 0.038 ng/ul

RT: 17.473 min Scan# 3150

Delta R.T. -0.008 min

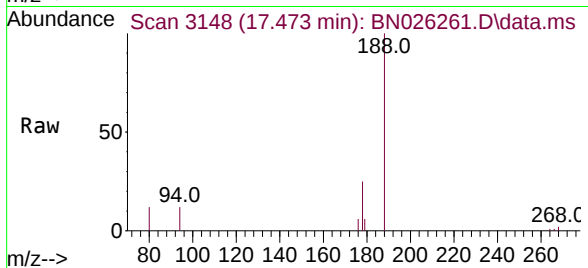
Lab File: BN026261.D

Acq: 04 Jul 2023 13:45

Instrument :

BNA_N

ClientSampleId :



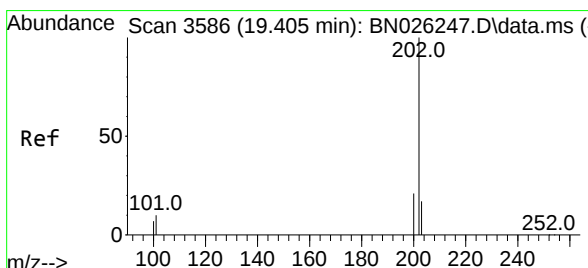
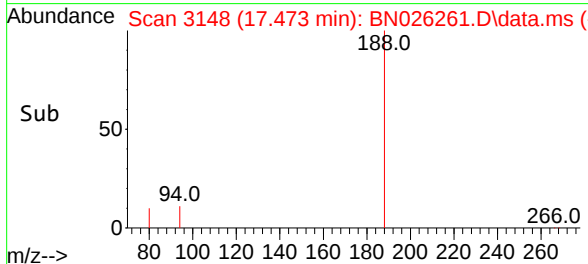
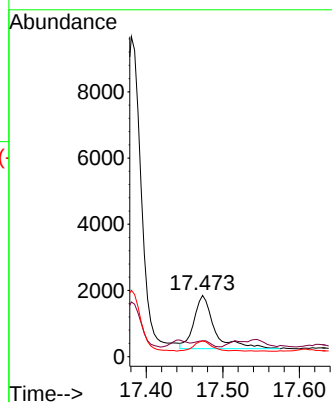
Tgt Ion:178 Resp: 3000

Ion Ratio Lower Upper

178 100

179 26.0 12.6 18.8#

176 25.5 15.1 22.7#



#19

Fluoranthene

Concen: 0.515 ng/ul

RT: 19.401 min Scan# 3585

Delta R.T. -0.005 min

Lab File: BN026261.D

Acq: 04 Jul 2023 13:45

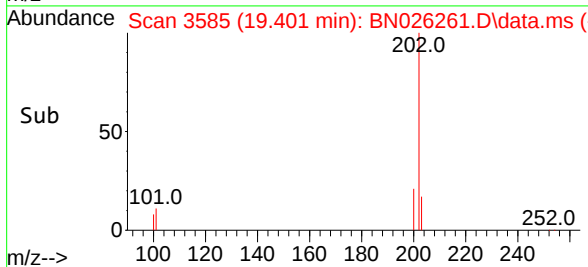
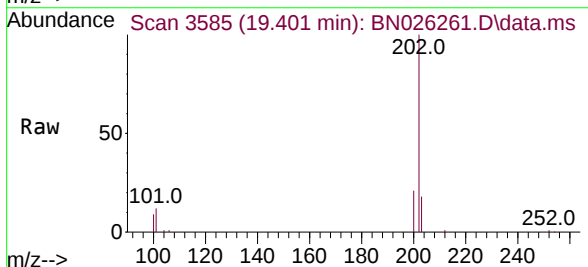
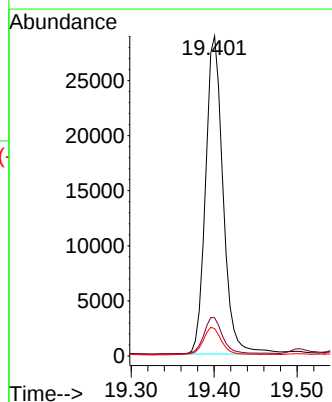
Tgt Ion:202 Resp: 42384

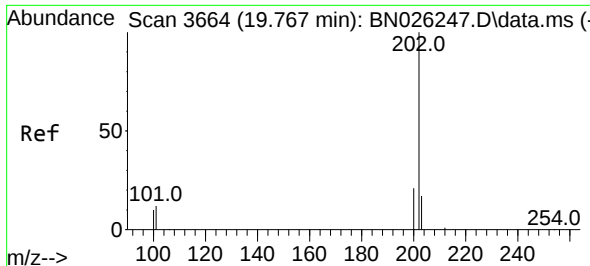
Ion Ratio Lower Upper

202 100

101 11.9 9.5 14.3

100 8.6 7.3 10.9

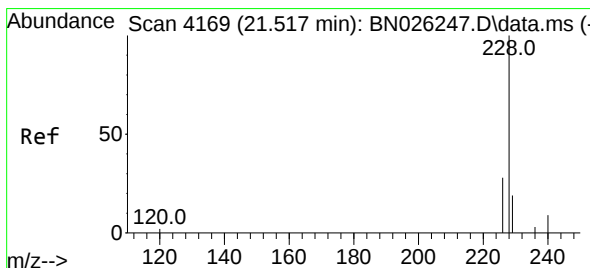
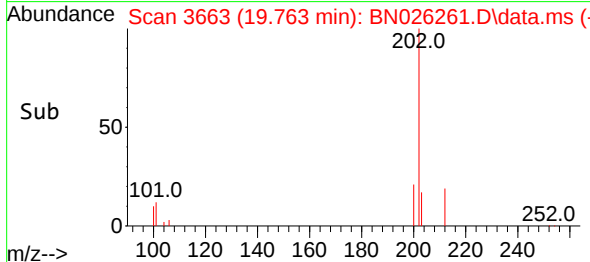
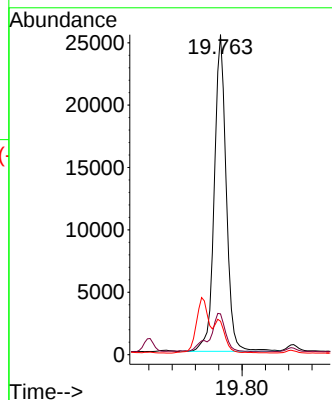
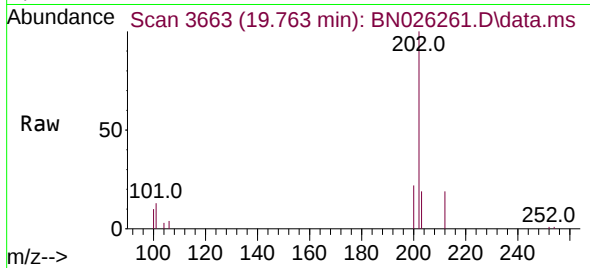




#20
 Pyrene
 Concen: 0.420 ng/ul
 RT: 19.763 min Scan# 30
 Delta R.T. -0.009 min
 Lab File: BN026261.D
 Acq: 04 Jul 2023 13:45

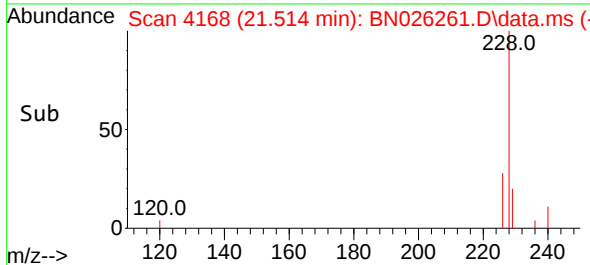
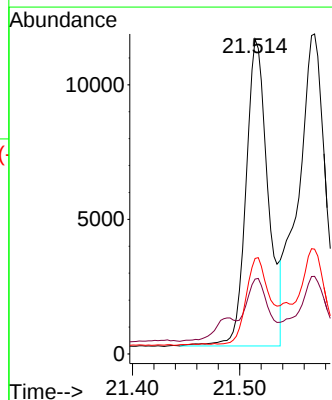
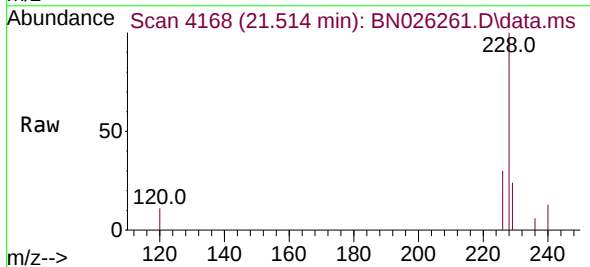
Instrument :
 BNA_N
 ClientSampleId :

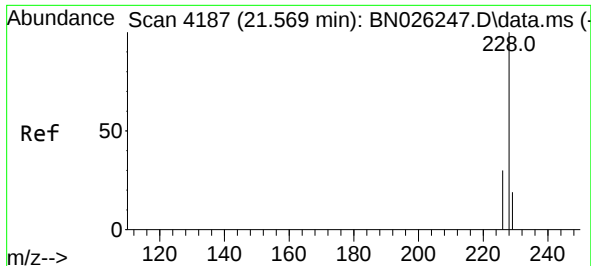
Tgt Ion:202 Resp: 35990
 Ion Ratio Lower Upper
 202 100
 101 12.8 11.4 17.0
 100 10.5 9.1 13.7



#21
 Benzo(a)anthracene
 Concen: 0.256 ng/ul
 RT: 21.514 min Scan# 4168
 Delta R.T. -0.009 min
 Lab File: BN026261.D
 Acq: 04 Jul 2023 13:45

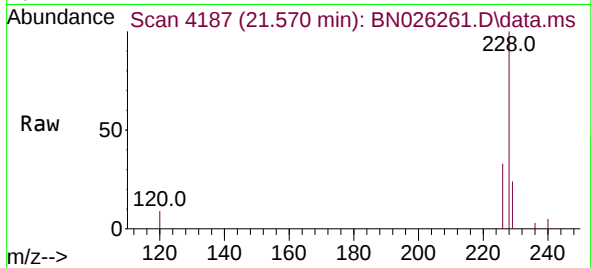
Tgt Ion:228 Resp: 16277
 Ion Ratio Lower Upper
 228 100
 229 23.8 15.8 23.6#
 226 30.4 22.5 33.7



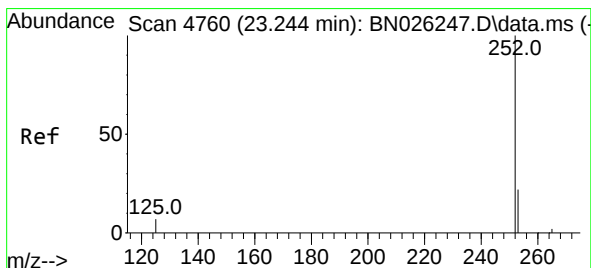
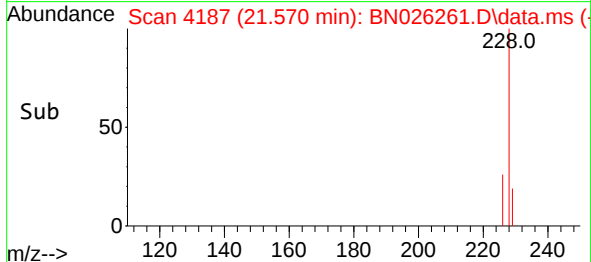
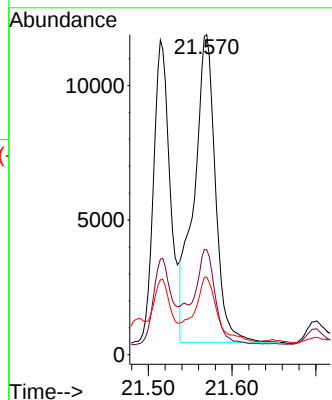


#22
Chrysene
Concen: 0.308 ng/ul
RT: 21.570 min Scan# 4187
Delta R.T. -0.009 min
Lab File: BN026261.D
Acq: 04 Jul 2023 13:45

Instrument :
BNA_N
ClientSampleId :

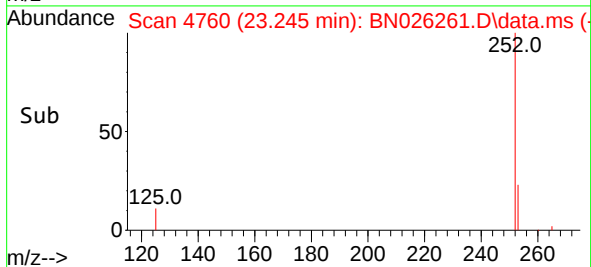
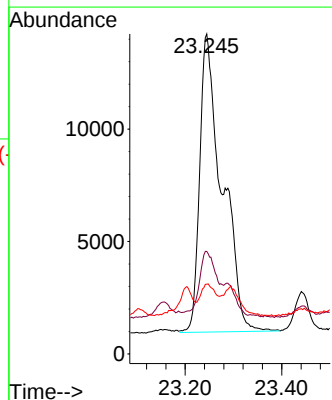
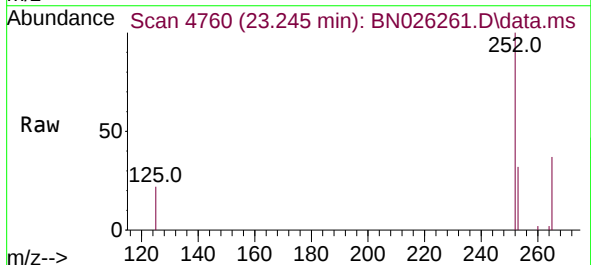


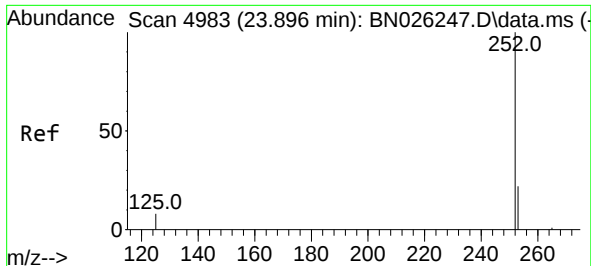
Tgt Ion:228 Resp: 20365
Ion Ratio Lower Upper
228 100
226 32.8 24.8 37.2
229 24.3 15.7 23.5#



#24
Benzo(b)fluoranthene
Concen: 0.581 ng/ul
RT: 23.245 min Scan# 4760
Delta R.T. -0.009 min
Lab File: BN026261.D
Acq: 04 Jul 2023 13:45

Tgt Ion:252 Resp: 42530
Ion Ratio Lower Upper
252 100
253 32.1 0.0 55.6
125 21.8 0.0 35.8

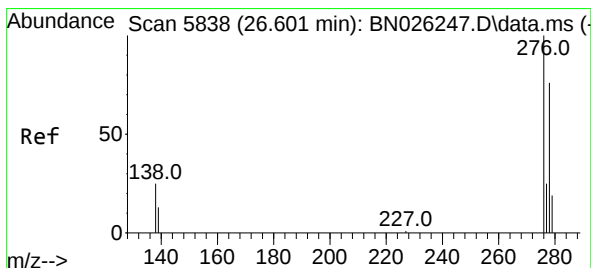
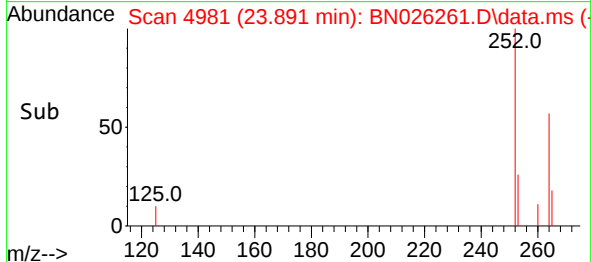
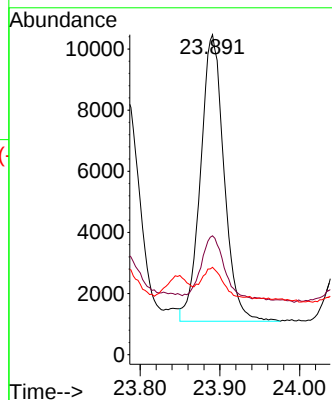
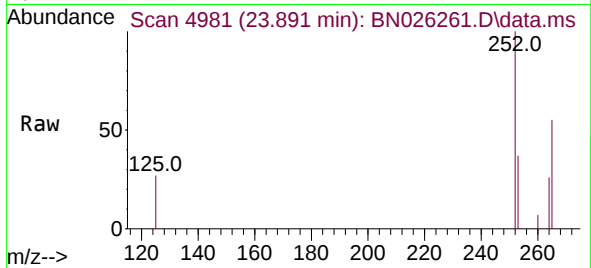




#26
Benzo(a)pyrene
Concen: 0.301 ng/ul
RT: 23.891 min Scan# 4981
Delta R.T. -0.003 min
Lab File: BN026261.D
Acq: 04 Jul 2023 13:45

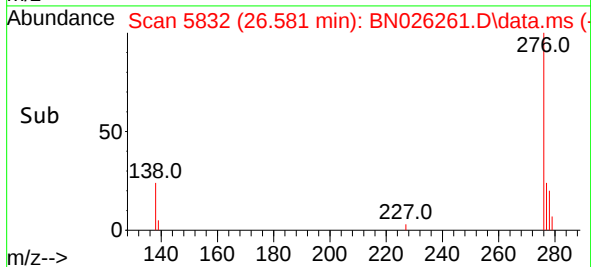
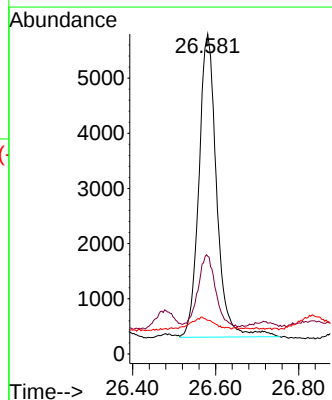
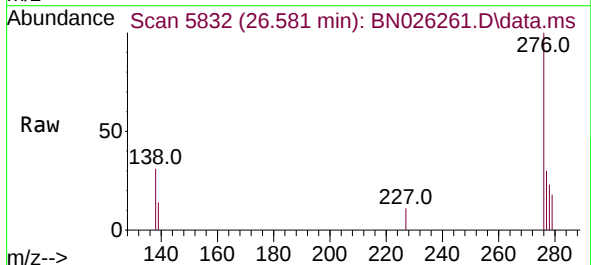
Instrument :
BNA_N
ClientSampleId :

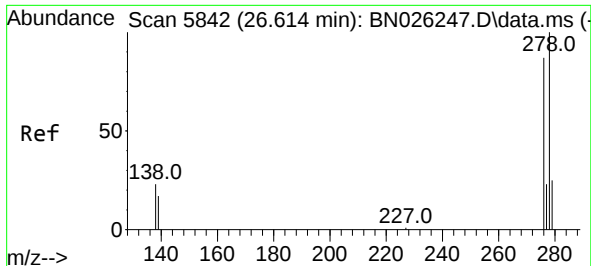
Tgt Ion:252 Resp: 19119
Ion Ratio Lower Upper
252 100
253 37.1 26.0 39.0
125 27.3 17.3 25.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.234 ng/ul
RT: 26.581 min Scan# 5832
Delta R.T. -0.007 min
Lab File: BN026261.D
Acq: 04 Jul 2023 13:45

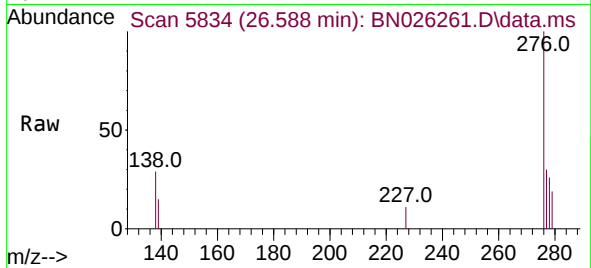
Tgt Ion:276 Resp: 16249
Ion Ratio Lower Upper
276 100
138 24.0 24.5 36.7#
227 5.2 0.0 0.0#



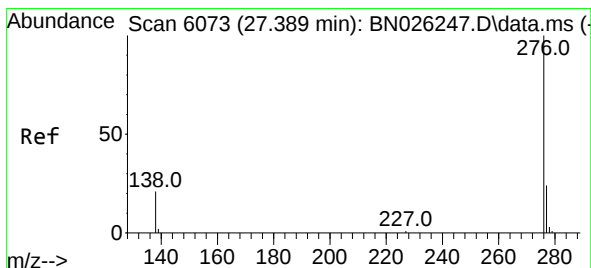
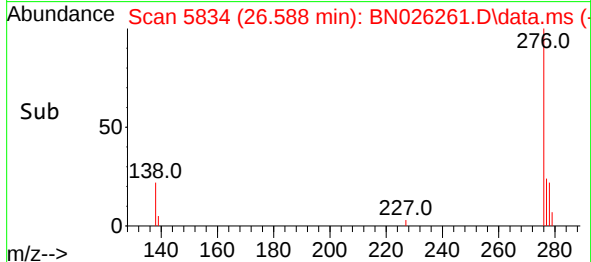
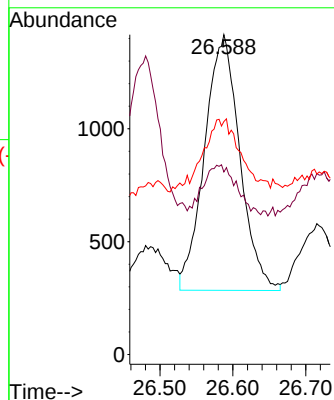


#28
Dibenzo(a,h)anthracene
Concen: 0.072 ng/ul
RT: 26.588 min Scan# 5834
Delta R.T. -0.020 min
Lab File: BN026261.D
Acq: 04 Jul 2023 13:45

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:278 Resp: 3797
Ion Ratio Lower Upper
278 100
139 57.1 19.0 28.4#
279 72.8 26.7 40.1#



#29
Benzo(g,h,i)perylene
Concen: 0.239 ng/ul
RT: 27.383 min Scan# 6071
Delta R.T. -0.003 min
Lab File: BN026261.D
Acq: 04 Jul 2023 13:45

Tgt Ion:276 Resp: 14748
Ion Ratio Lower Upper
276 100
138 32.4 23.4 35.0
277 30.4 20.0 30.0#

