

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026161.D
 Acq On : 01 Jul 2023 20:53
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4326

Quant Time: Jul 01 22:36:46 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 : Sat Jul 01 01:46:24 2023
 Response via : Initial Calibration

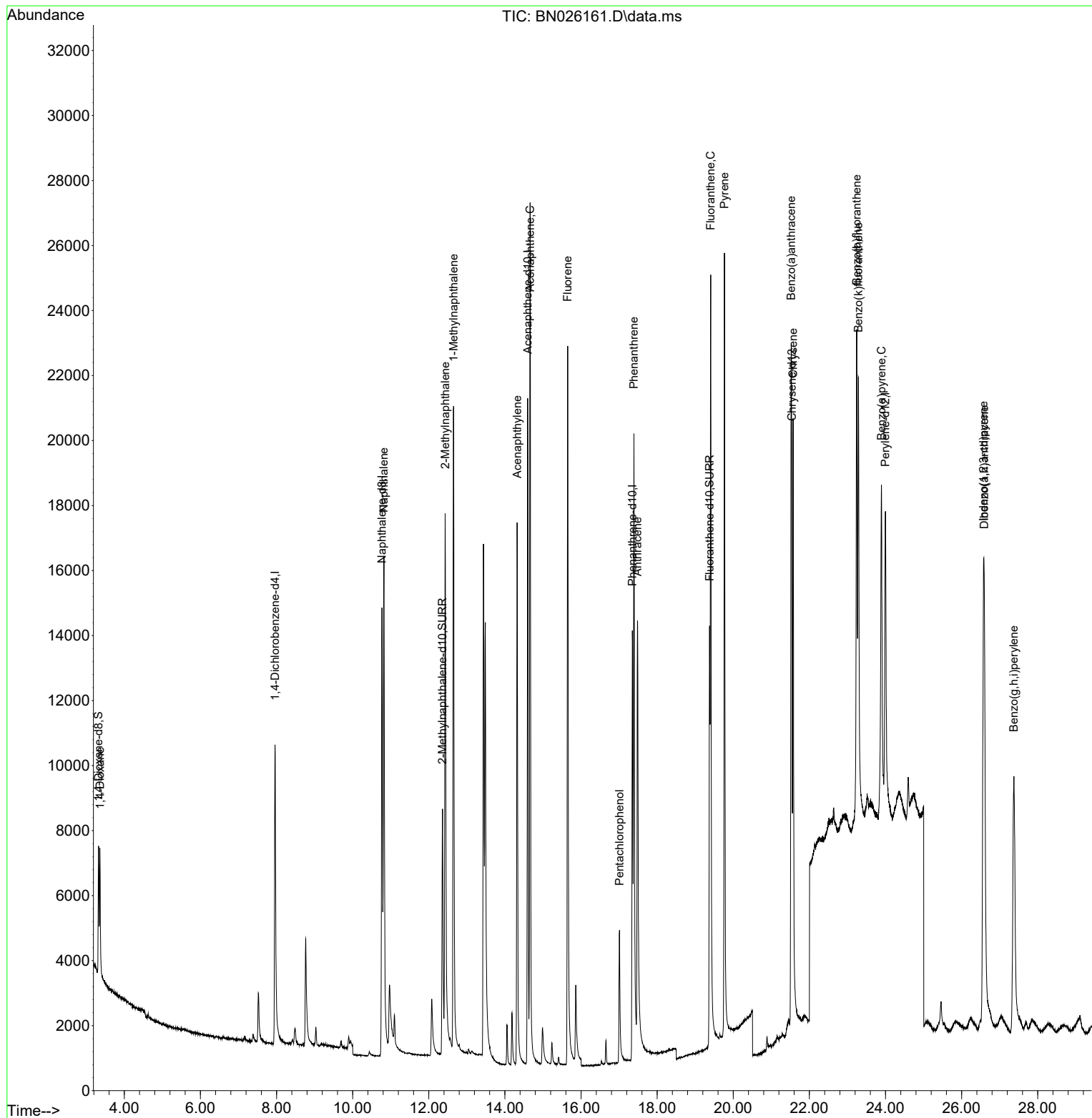
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.959	152	6928	0.400	ng/ul	0.00
4) Naphthalene-d8	10.770	136	23192	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.599	164	12289	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.348	188	19322	0.400	ng/ul	0.00
17) Chrysene-d12	21.536	240	12256	0.400	ng/ul	0.00
23) Perylene-d12	23.997	264	13595	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	2822	0.362	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.360	152	12889	0.361	ng/ul	0.00
18) Fluoranthene-d10	19.378	212	17172	0.368	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.360	88	3006	0.363	ng/ul#	92
5) Naphthalene	10.820	128	25037	0.377	ng/ul	100
7) 2-Methylnaphthalene	12.431	142	15136	0.358	ng/ul	100
8) 1-Methylnaphthalene	12.651	142	15922	0.363	ng/ul	100
10) Acenaphthylene	14.321	152	23151	0.402	ng/ul	100
11) Acenaphthene	14.664	153	17960	0.382	ng/ul	98
12) Fluorene	15.649	166	18246	0.338	ng/ul	99
14) Pentachlorophenol	17.010	266	3628	0.524	ng/ul	99
15) Phenanthrene	17.390	178	23671	0.371	ng/ul	99
16) Anthracene	17.483	178	20859	0.368	ng/ul	98
19) Fluoranthene	19.406	202	23644	0.361	ng/ul	100
20) Pyrene	19.769	202	24746	0.363	ng/ul	99
21) Benzo(a)anthracene	21.521	228	18482	0.366	ng/ul	98
22) Chrysene	21.574	228	19783	0.376	ng/ul	98
24) Benzo(b)fluoranthene	23.243	252	20493	0.353	ng/ul	92
25) Benzo(k)fluoranthene	23.286	252	21192	0.364	ng/ul	94
26) Benzo(a)pyrene	23.892	252	19410	0.385	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.575	276	24405	0.443	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.592	278	18698	0.449	ng/ul	97
29) Benzo(g,h,i)perylene	27.373	276	20891	0.427	ng/ul	99

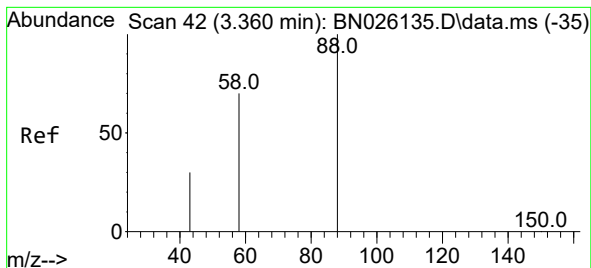
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 0.363 ng/ul

RT: 3.360 min Scan# 41

Delta R.T. 0.000 min

Lab File: BN026161.D

Acq: 01 Jul 2023 20:53

Instrument :

BNA_N

ClientSampleId :

SSTD0.4326

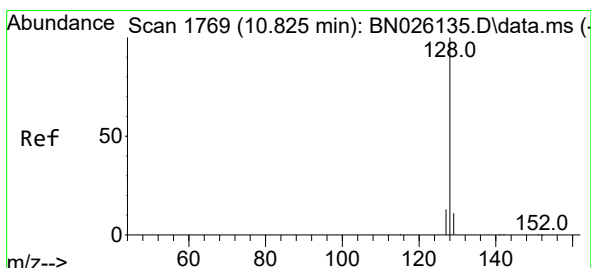
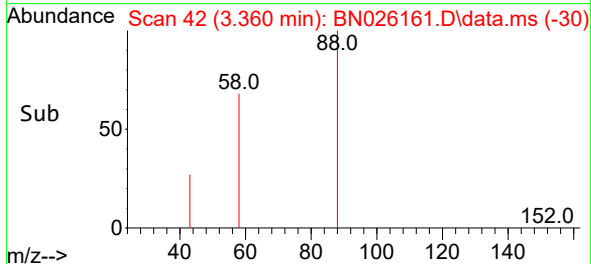
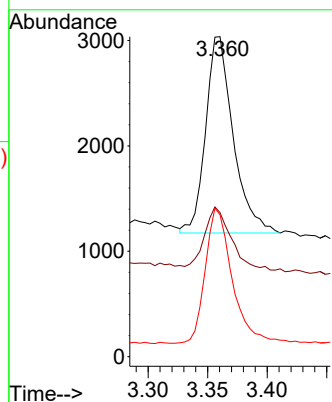
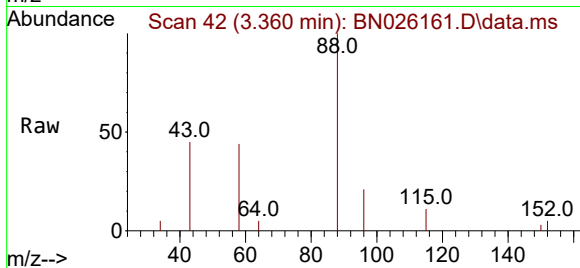
Tgt Ion: 88 Resp: 3006

Ion Ratio Lower Upper

88 100

43 45.0 29.5 44.3#

58 44.3 37.4 56.2



#5

Naphthalene

Concen: 0.377 ng/ul

RT: 10.820 min Scan# 1768

Delta R.T. -0.005 min

Lab File: BN026161.D

Acq: 01 Jul 2023 20:53

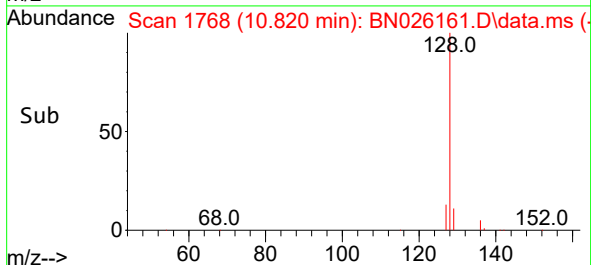
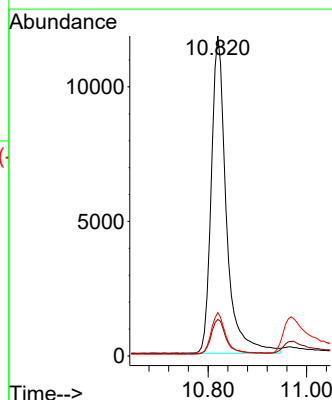
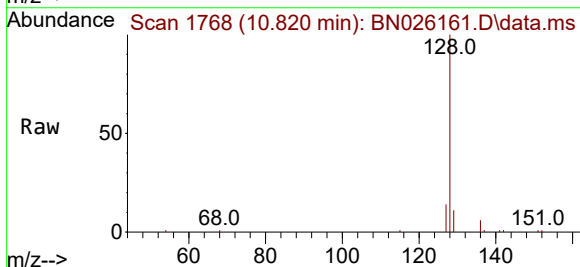
Tgt Ion: 128 Resp: 25037

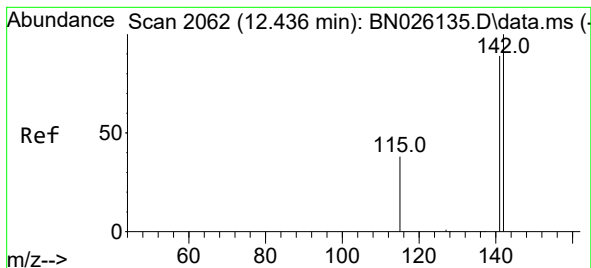
Ion Ratio Lower Upper

128 100

129 11.4 9.1 13.7

127 13.6 10.7 16.1

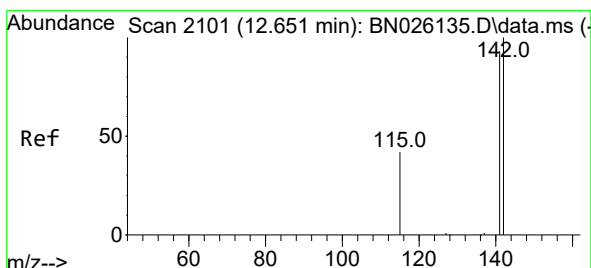
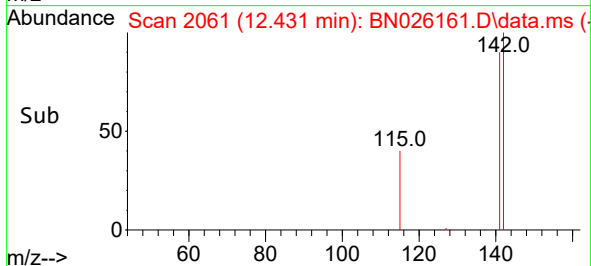
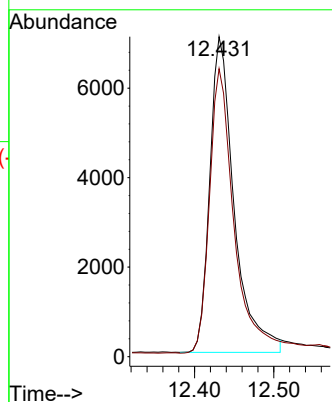
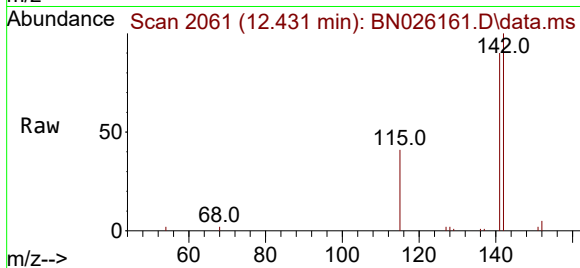




#7
2-Methylnaphthalene
Concen: 0.358 ng/ul
RT: 12.431 min Scan# 2061
Delta R.T. -0.005 min
Lab File: BN026161.D
Acq: 01 Jul 2023 20:53

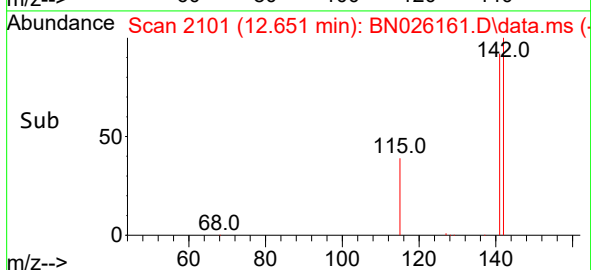
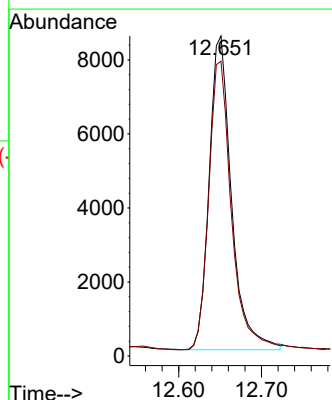
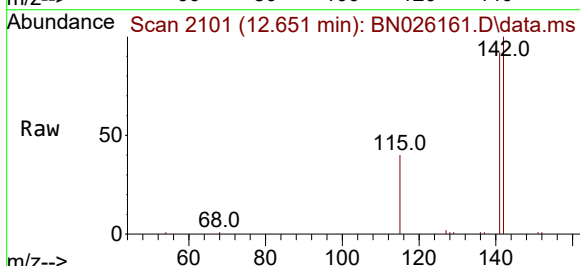
Instrument :
BNA_N
ClientSampleId :
SSTD0.4326

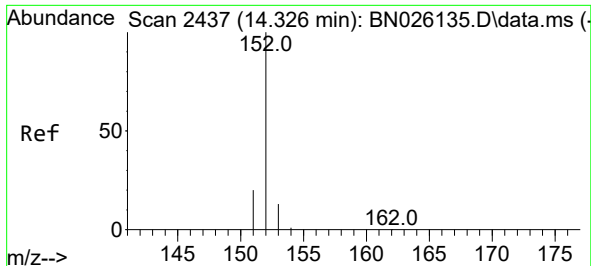
Tgt Ion:142 Resp: 15136
Ion Ratio Lower Upper
142 100
141 90.1 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.363 ng/ul
RT: 12.651 min Scan# 2101
Delta R.T. 0.000 min
Lab File: BN026161.D
Acq: 01 Jul 2023 20:53

Tgt Ion:142 Resp: 15922
Ion Ratio Lower Upper
142 100
141 92.9 74.2 111.4

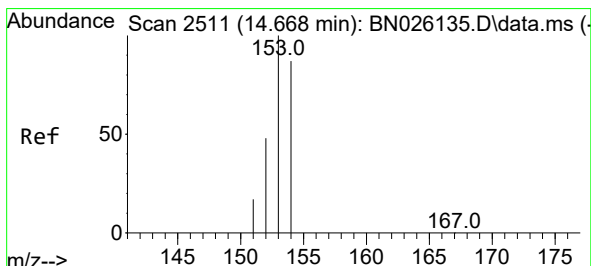
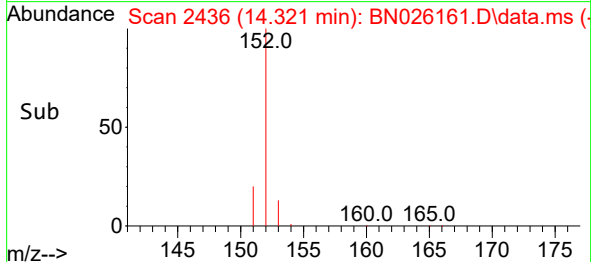
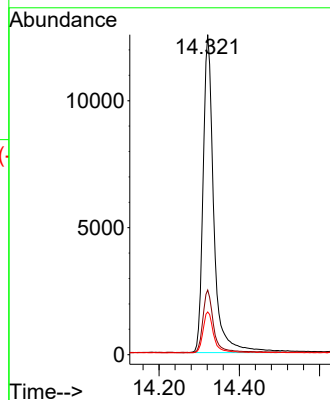
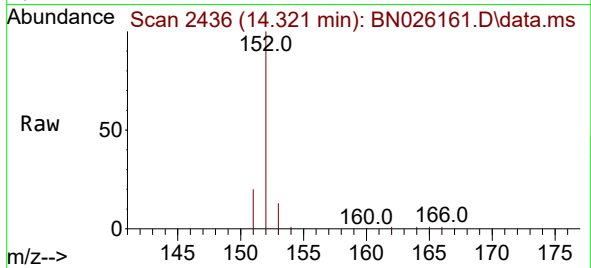




#10
Acenaphthylene
Concen: 0.402 ng/ul
RT: 14.321 min Scan# 2437
Delta R.T. -0.004 min
Lab File: BN026161.D
Acq: 01 Jul 2023 20:53

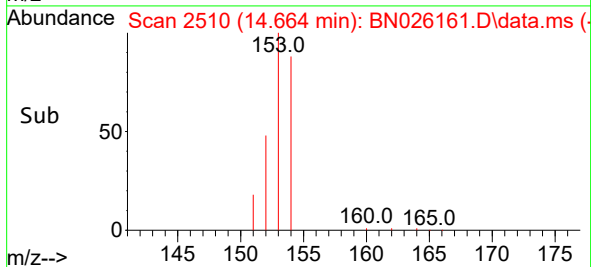
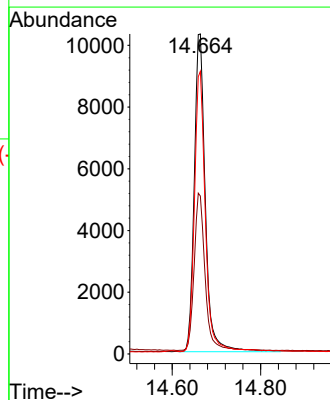
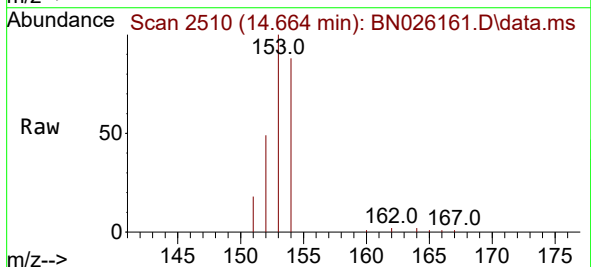
Instrument :
BNA_N
ClientSampleId :
SSTD0.4326

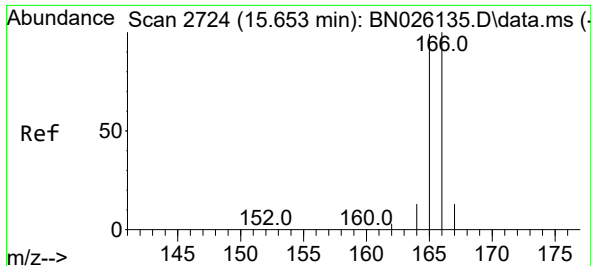
Tgt Ion:152 Resp: 23151
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.4
153 13.4 10.9 16.3



#11
Acenaphthene
Concen: 0.382 ng/ul
RT: 14.664 min Scan# 2510
Delta R.T. -0.004 min
Lab File: BN026161.D
Acq: 01 Jul 2023 20:53

Tgt Ion:153 Resp: 17960
Ion Ratio Lower Upper
153 100
152 49.4 39.4 59.0
154 88.3 68.9 103.3

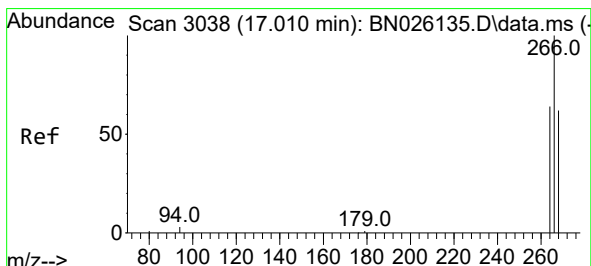
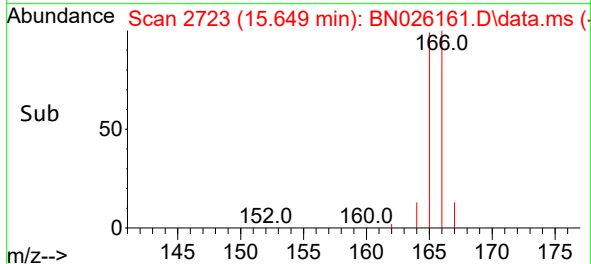
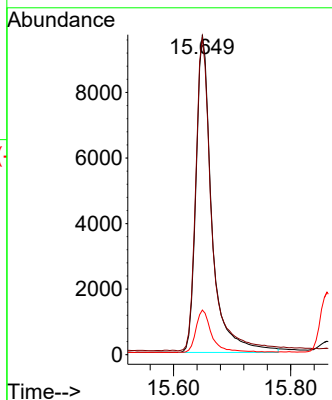
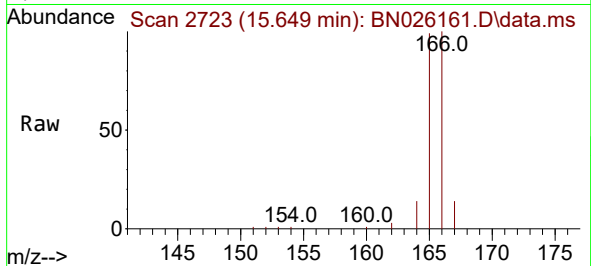




#12
Fluorene
Concen: 0.338 ng/ul
RT: 15.649 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN026161.D
Acq: 01 Jul 2023 20:53

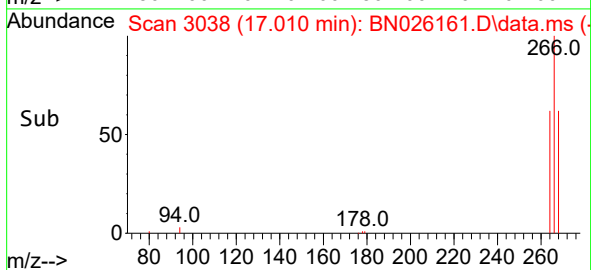
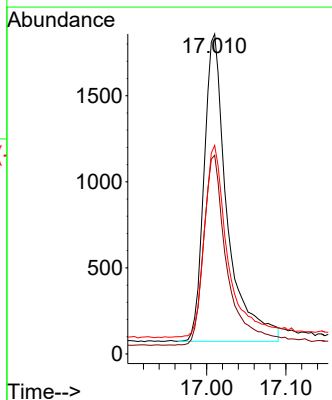
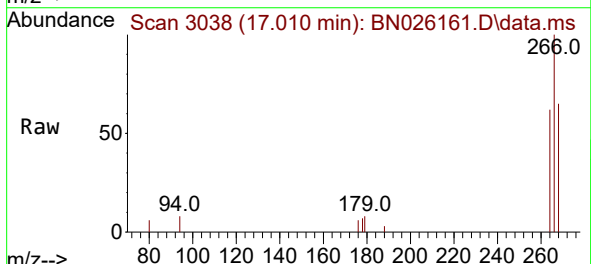
Instrument :
BNA_N
ClientSampleId :
SSTD0.4326

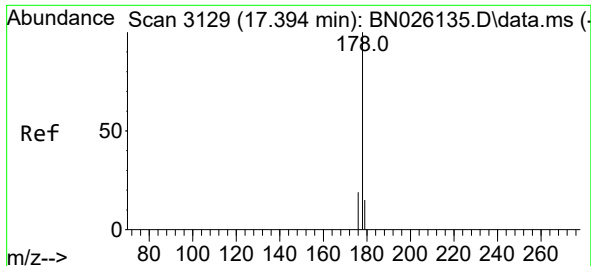
Tgt Ion:166 Resp: 18246
Ion Ratio Lower Upper
166 100
165 99.2 79.9 119.9
167 14.0 10.8 16.2



#14
Pentachlorophenol
Concen: 0.524 ng/ul
RT: 17.010 min Scan# 3038
Delta R.T. 0.000 min
Lab File: BN026161.D
Acq: 01 Jul 2023 20:53

Tgt Ion:266 Resp: 3628
Ion Ratio Lower Upper
266 100
264 62.5 50.5 75.7
268 63.3 51.6 77.4

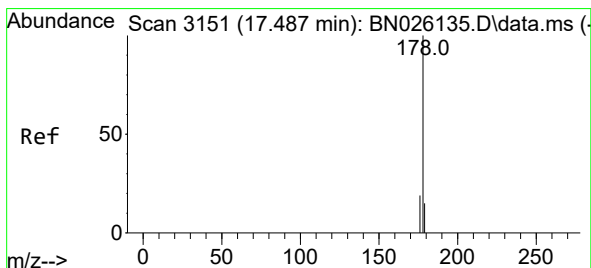
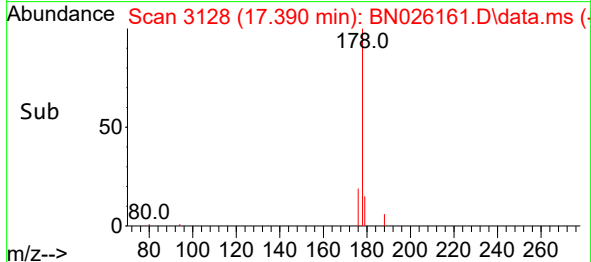
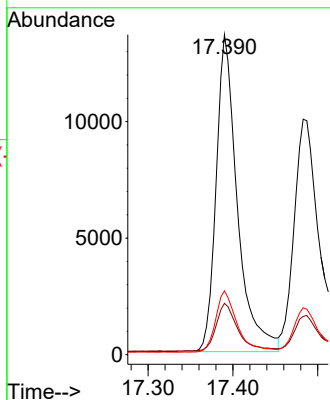
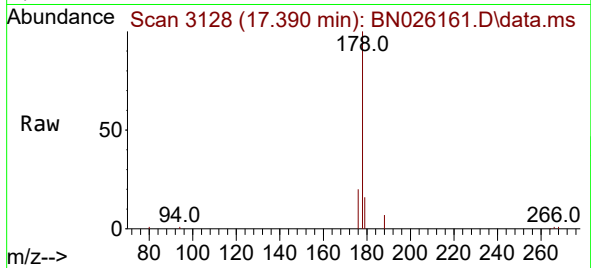




#15
Phenanthrene
Concen: 0.371 ng/ul
RT: 17.390 min Scan# 3129
Delta R.T. -0.004 min
Lab File: BN026161.D
Acq: 01 Jul 2023 20:53

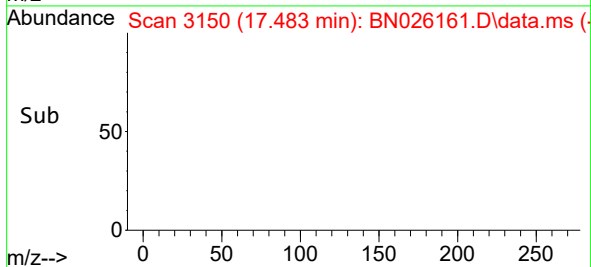
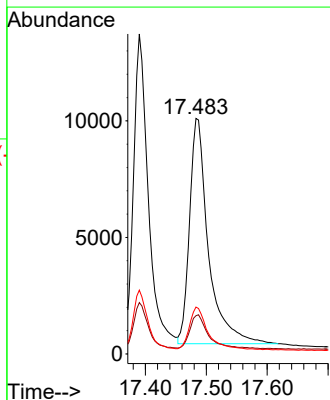
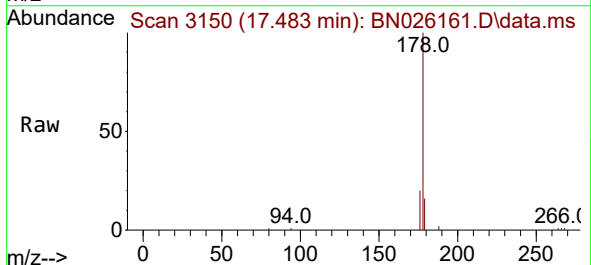
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ClientSampleId :
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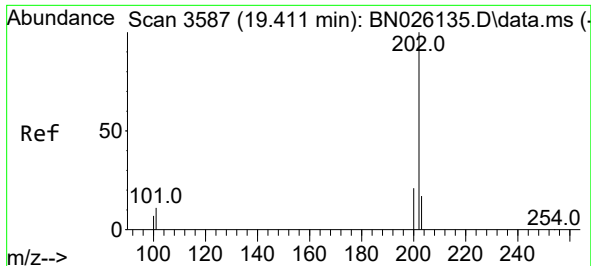
Tgt Ion:178 Resp: 23671
Ion Ratio Lower Upper
178 100
179 16.0 12.6 19.0
176 19.9 15.8 23.6



#16
Anthracene
Concen: 0.368 ng/ul
RT: 17.483 min Scan# 3150
Delta R.T. -0.004 min
Lab File: BN026161.D
Acq: 01 Jul 2023 20:53

Tgt Ion:178 Resp: 20859
Ion Ratio Lower Upper
178 100
179 16.2 12.6 18.8
176 19.9 15.1 22.7

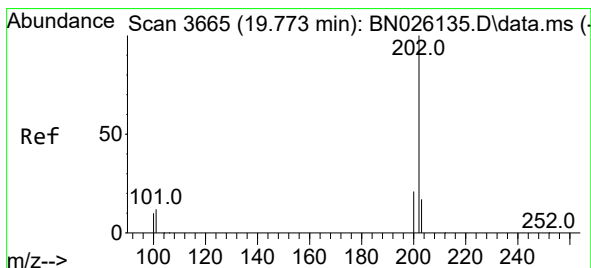
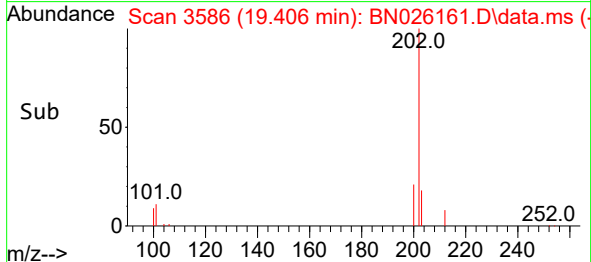
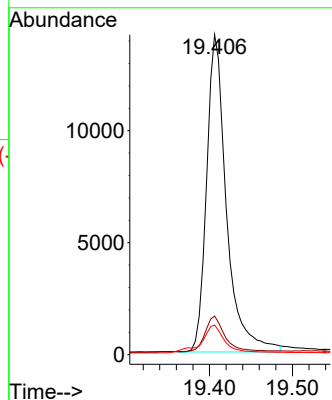
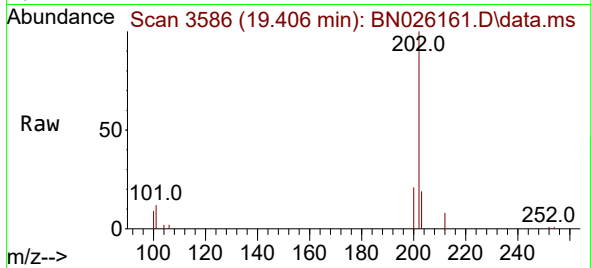




#19
Fluoranthene
Concen: 0.361 ng/ul
RT: 19.406 min Scan# 3586
Delta R.T. -0.004 min
Lab File: BN026161.D
Acq: 01 Jul 2023 20:53

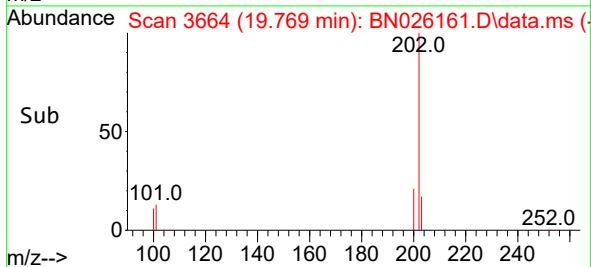
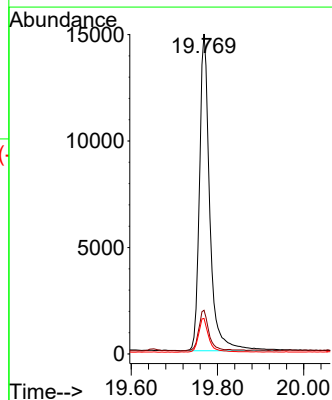
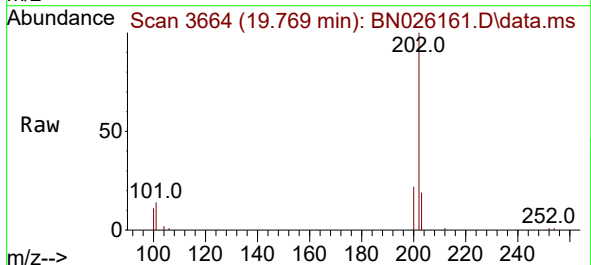
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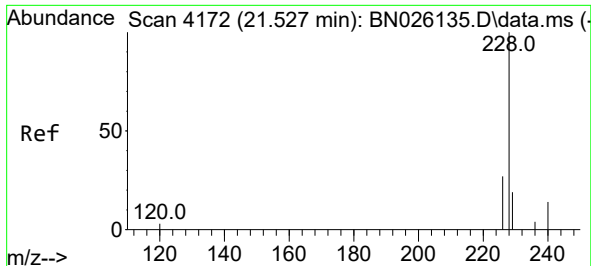
Tgt Ion:202 Resp: 23644
Ion Ratio Lower Upper
202 100
101 12.0 9.5 14.3
100 9.2 7.3 10.9



#20
Pyrene
Concen: 0.363 ng/ul
RT: 19.769 min Scan# 3664
Delta R.T. -0.004 min
Lab File: BN026161.D
Acq: 01 Jul 2023 20:53

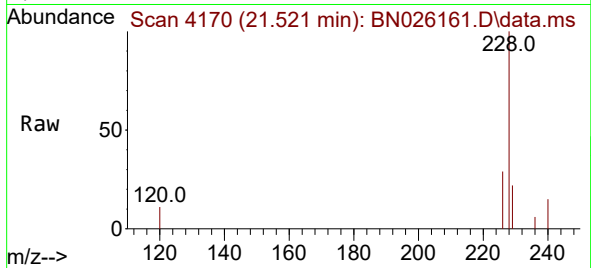
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Ion Ratio Lower Upper
202 100
101 13.7 11.4 17.0
100 11.1 9.1 13.7



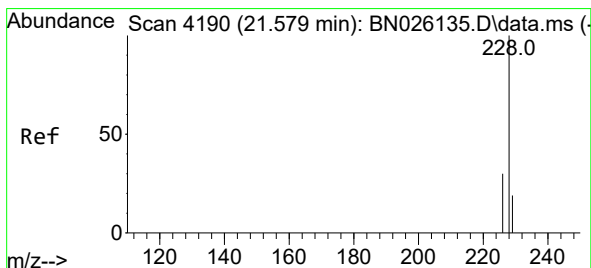
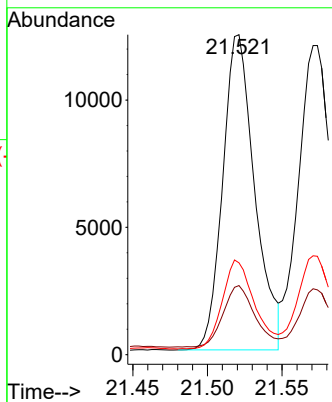
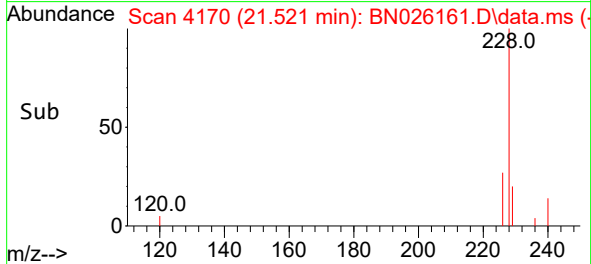


#21
Benzo(a)anthracene
Concen: 0.366 ng/ul
RT: 21.521 min Scan# 4170
Delta R.T. -0.006 min
Lab File: BN026161.D
Acq: 01 Jul 2023 20:53

Instrument :
BNA_N
ClientSampleId :
SSTD0.4326

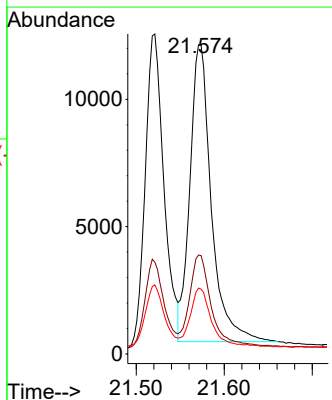
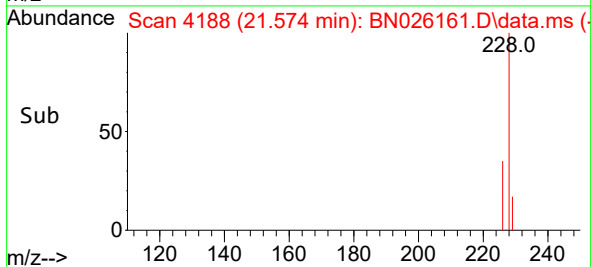
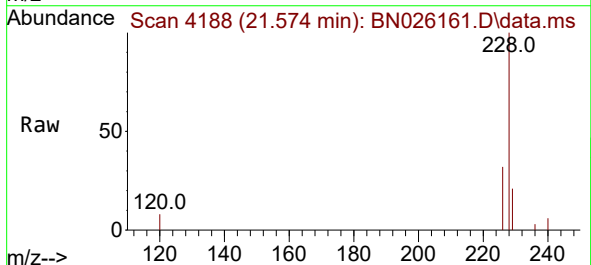


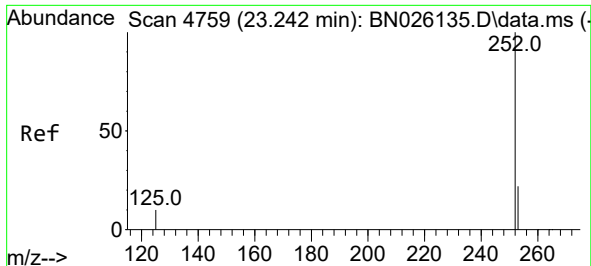
Tgt Ion:228 Resp: 18482
Ion Ratio Lower Upper
228 100
229 21.6 15.8 23.6
226 28.7 22.5 33.7



#22
Chrysene
Concen: 0.376 ng/ul
RT: 21.574 min Scan# 4188
Delta R.T. -0.006 min
Lab File: BN026161.D
Acq: 01 Jul 2023 20:53

Tgt Ion:228 Resp: 19783
Ion Ratio Lower Upper
228 100
226 31.8 24.8 37.2
229 21.0 15.7 23.5

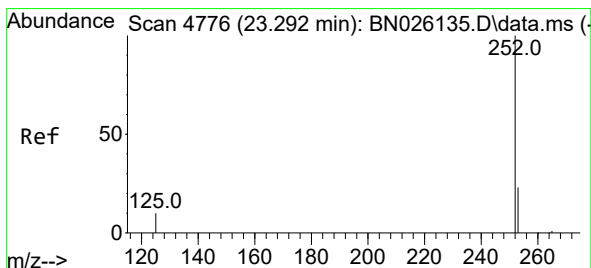
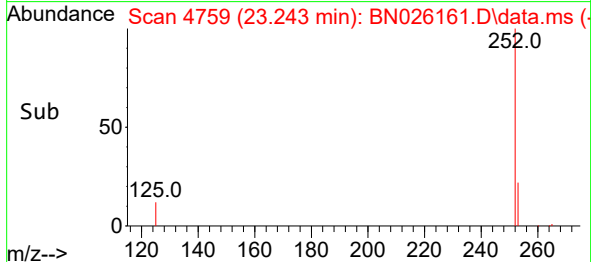
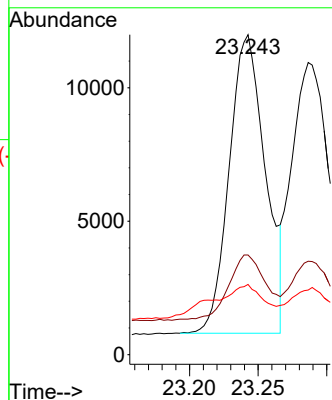
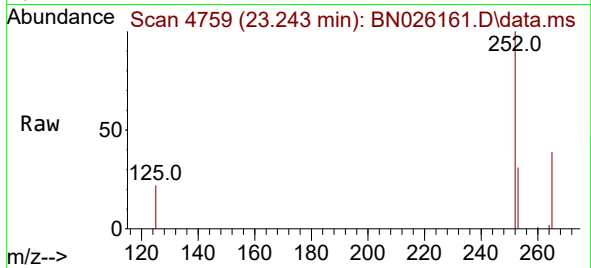




#24
Benzo(b)fluoranthene
Concen: 0.353 ng/ul
RT: 23.243 min Scan# 4759
Delta R.T. 0.000 min
Lab File: BN026161.D
Acq: 01 Jul 2023 20:53

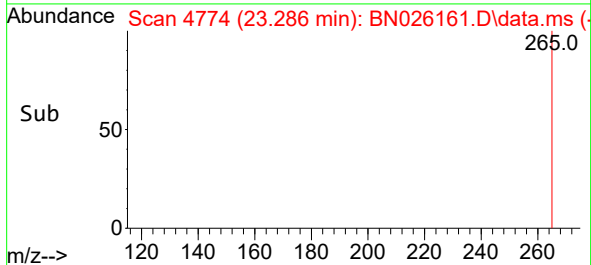
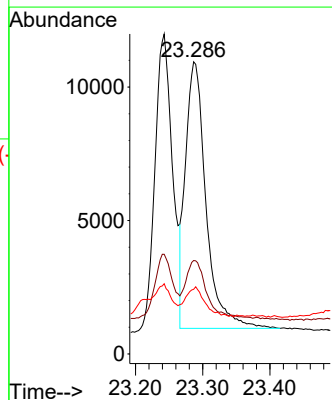
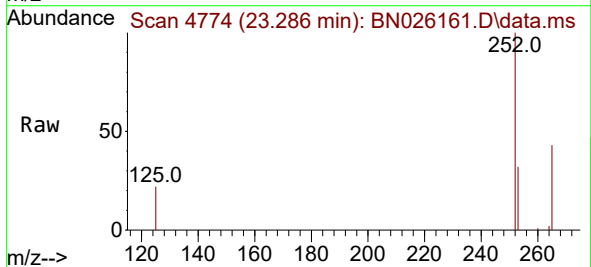
Instrument :
BNA_N
ClientSampleId :
SSTD0.4326

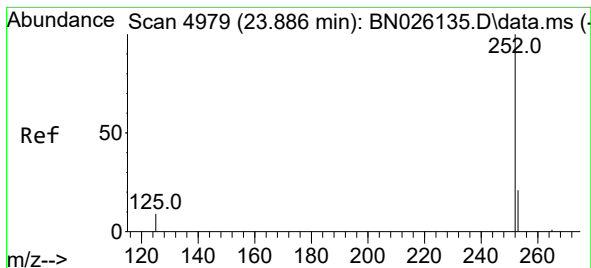
Tgt Ion:252 Resp: 20493
Ion Ratio Lower Upper
252 100
253 31.2 0.0 55.6
125 22.0 0.0 35.8



#25
Benzo(k)fluoranthene
Concen: 0.364 ng/ul
RT: 23.286 min Scan# 4774
Delta R.T. -0.006 min
Lab File: BN026161.D
Acq: 01 Jul 2023 20:53

Tgt Ion:252 Resp: 21192
Ion Ratio Lower Upper
252 100
253 32.0 23.2 34.8
125 22.1 15.0 22.4





#26

Benzo(a)pyrene

Concen: 0.385 ng/ul

RT: 23.892 min Scan# 4981

Delta R.T. 0.006 min

Lab File: BN026161.D

Acq: 01 Jul 2023 20:53

Instrument :

BNA_N

ClientSampleId :

SSTD0.4326

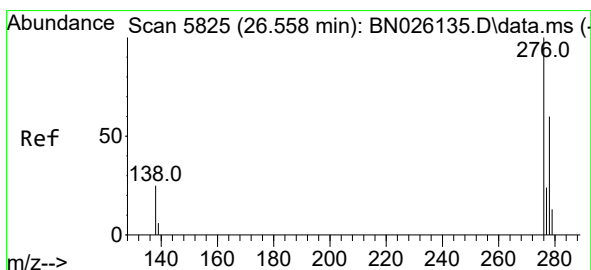
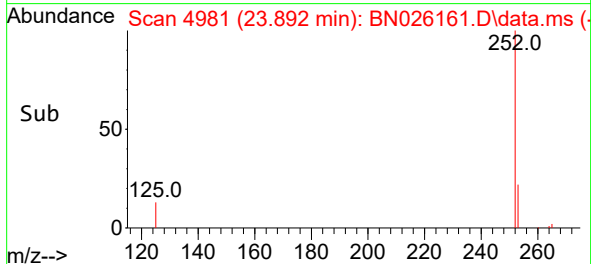
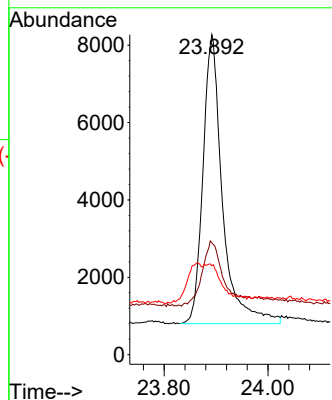
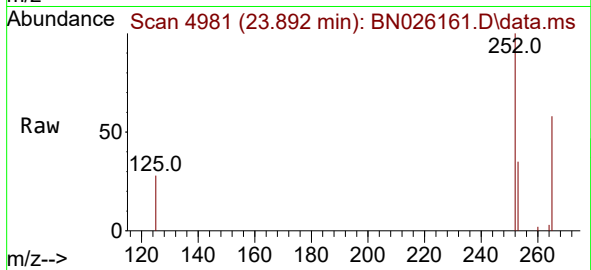
Tgt Ion:252 Resp: 19410

Ion Ratio Lower Upper

252 100

253 34.9 26.0 39.0

125 27.8 17.3 25.9#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.443 ng/ul

RT: 26.575 min Scan# 5830

Delta R.T. 0.017 min

Lab File: BN026161.D

Acq: 01 Jul 2023 20:53

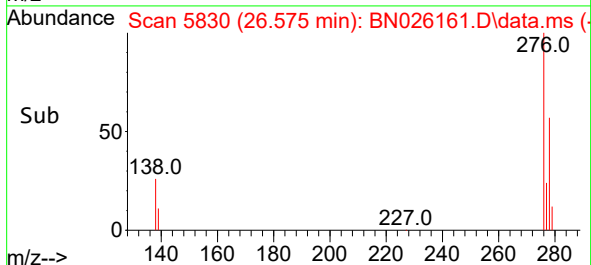
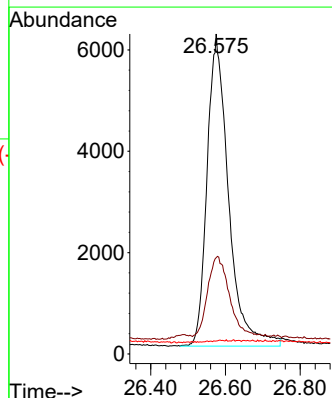
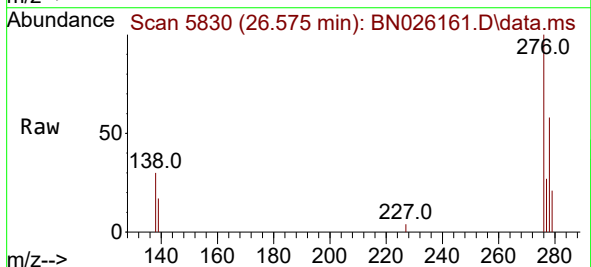
Tgt Ion:276 Resp: 24405

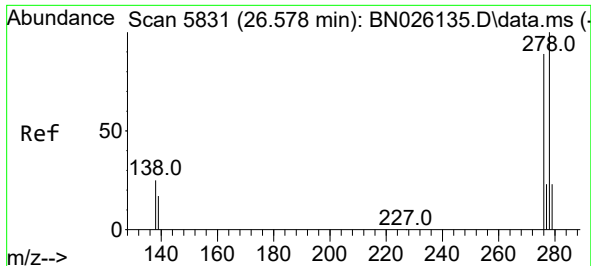
Ion Ratio Lower Upper

276 100

138 28.0 24.5 36.7

227 0.0 0.0 0.0

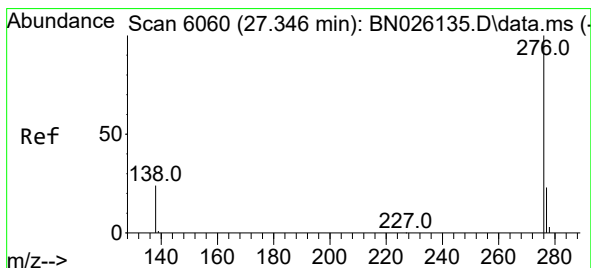
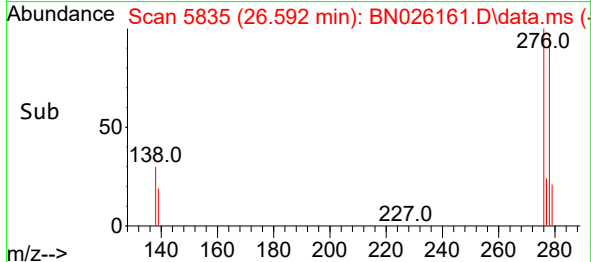
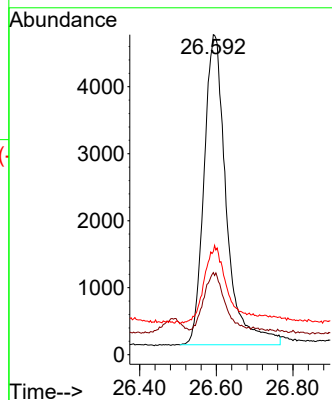
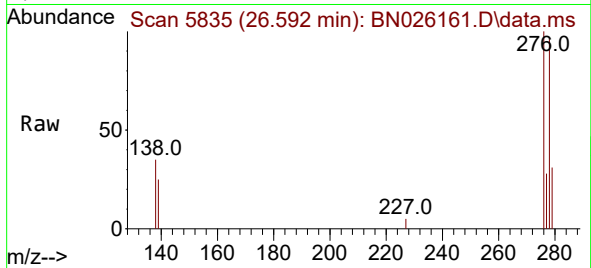




#28
 Dibenzo(a,h)anthracene
 Concen: 0.449 ng/ul
 RT: 26.592 min Scan# 5835
 Delta R.T. 0.014 min
 Lab File: BN026161.D
 Acq: 01 Jul 2023 20:53

Instrument :
 BNA_N
 ClientSampleId :
 SST00.4326

Tgt Ion:278 Resp: 18698
 Ion Ratio Lower Upper
 278 100
 139 25.6 19.0 28.4
 279 32.2 26.7 40.1



#29
 Benzo(g,h,i)perylene
 Concen: 0.427 ng/ul
 RT: 27.373 min Scan# 6068
 Delta R.T. 0.027 min
 Lab File: BN026161.D
 Acq: 01 Jul 2023 20:53

Tgt Ion:276 Resp: 20891
 Ion Ratio Lower Upper
 276 100
 138 28.9 23.4 35.0
 277 26.3 20.0 30.0

