

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070123\
 Data File : BN026135.D
 Acq On : 30 Jun 2023 18:19
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4323

Quant Time: Jul 01 01:47:32 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

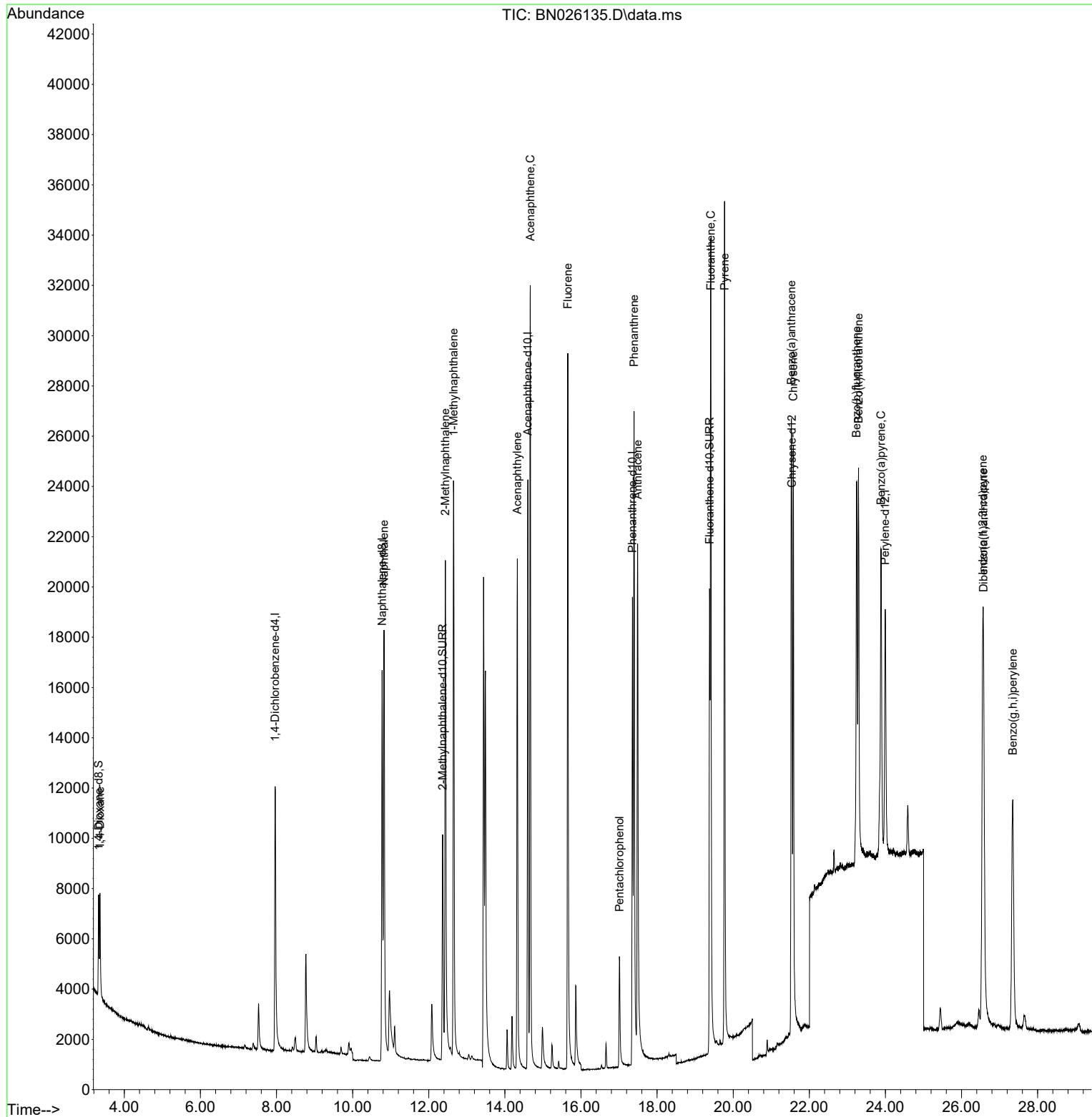
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	7593	0.400	ng/ul	0.00
4) Naphthalene-d8	10.775	136	25248	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.603	164	14030	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.352	188	25805	0.400	ng/ul	0.00
17) Chrysene-d12	21.541	240	14232	0.400	ng/ul	0.00
23) Perylene-d12	23.994	264	15307	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.326	96	2815	0.329	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.365	152	14482	0.373	ng/ul	0.00
18) Fluoranthene-d10	19.378	212	23503	0.434	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.360	88	3058	0.337	ng/ul#	92
5) Naphthalene	10.825	128	27412	0.379	ng/ul	100
7) 2-Methylnaphthalene	12.436	142	17054	0.370	ng/ul	100
8) 1-Methylnaphthalene	12.651	142	18037	0.378	ng/ul	100
10) Acenaphthylene	14.326	152	27376	0.417	ng/ul	100
11) Acenaphthene	14.668	153	20663	0.384	ng/ul	99
12) Fluorene	15.653	166	22173	0.360	ng/ul	100
14) Pentachlorophenol	17.010	266	3707	0.401	ng/ul	99
15) Phenanthrene	17.394	178	31685	0.372	ng/ul	100
16) Anthracene	17.487	178	28685	0.379	ng/ul	98
19) Fluoranthene	19.411	202	32191	0.423	ng/ul	99
20) Pyrene	19.773	202	32919	0.416	ng/ul	97
21) Benzo(a)anthracene	21.527	228	22164	0.378	ng/ul	98
22) Chrysene	21.579	228	23232	0.380	ng/ul	98
24) Benzo(b)fluoranthene	23.242	252	23004	0.352	ng/ul	92
25) Benzo(k)fluoranthene	23.292	252	23799	0.363	ng/ul	94
26) Benzo(a)pyrene	23.886	252	21567	0.380	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	26.558	276	27467	0.443	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.578	278	21215	0.452	ng/ul	97
29) Benzo(g,h,i)perylene	27.346	276	23521	0.427	ng/ul	98

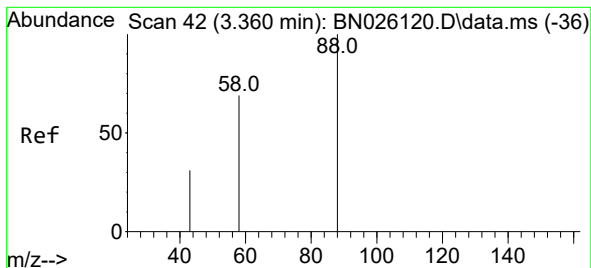
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070123\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#2

1,4-Dioxane

Concen: 0.337 ng/ul

RT: 3.360 min Scan# 41

Delta R.T. 0.000 min

Lab File: BN026135.D

Acq: 30 Jun 2023 18:19

Instrument :

BNA_N

ClientSampleId :

SSTD0.4323

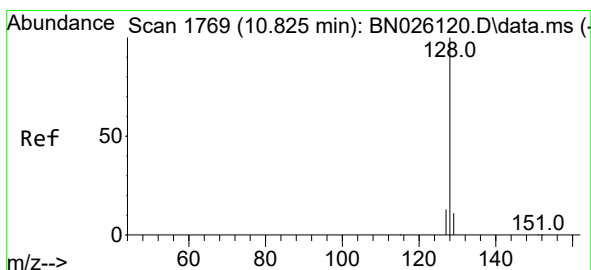
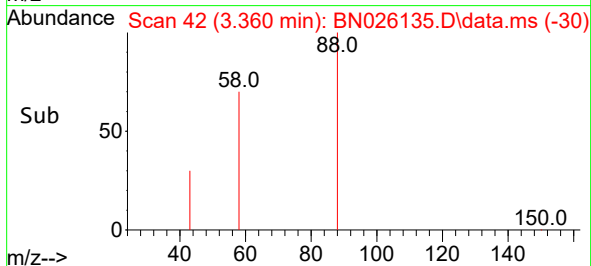
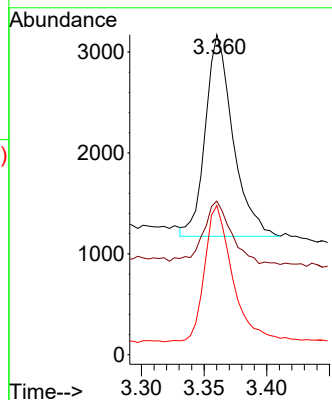
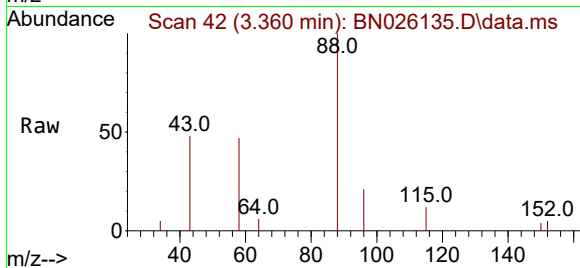
Tgt Ion: 88 Resp: 3058

Ion Ratio Lower Upper

88 100

43 48.0 29.5 44.3#

58 46.6 37.4 56.2



#5

Naphthalene

Concen: 0.379 ng/ul

RT: 10.825 min Scan# 1769

Delta R.T. 0.000 min

Lab File: BN026135.D

Acq: 30 Jun 2023 18:19

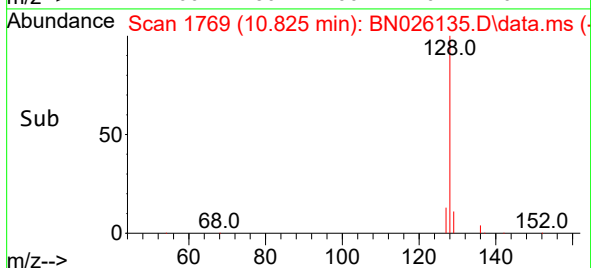
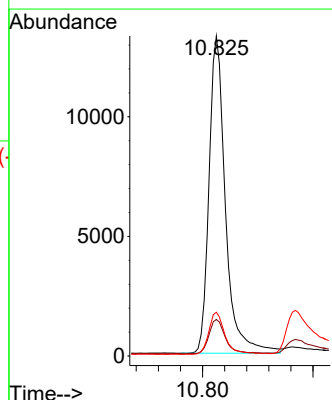
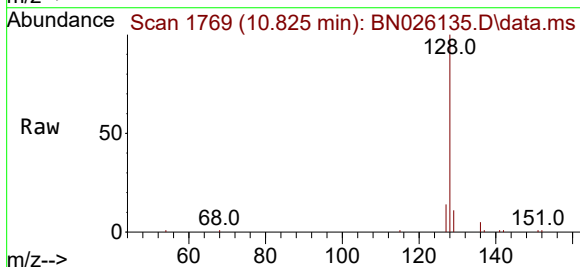
Tgt Ion: 128 Resp: 27412

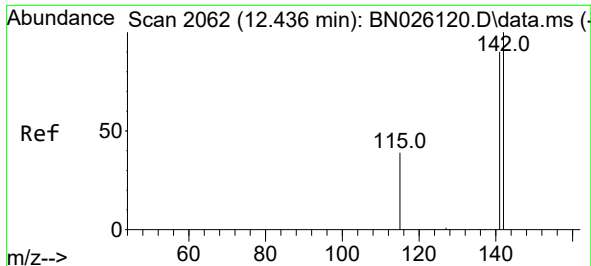
Ion Ratio Lower Upper

128 100

129 11.4 9.1 13.7

127 13.6 10.7 16.1

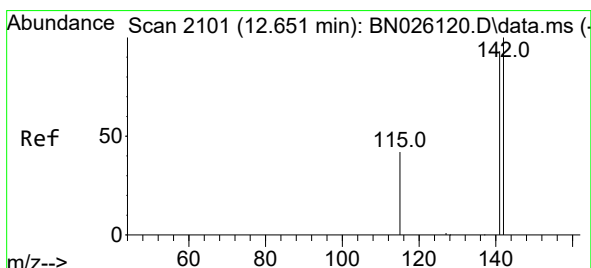
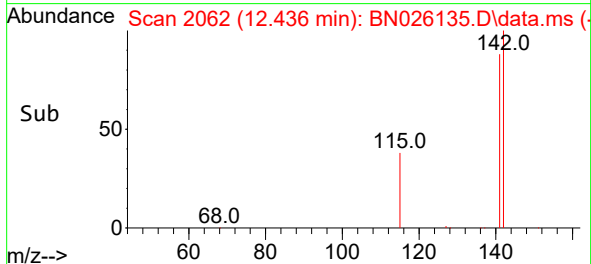
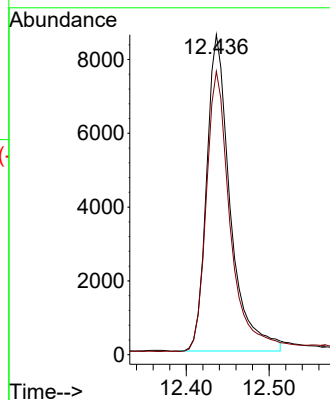
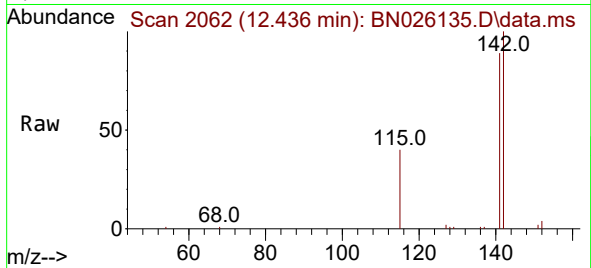




#7
2-Methylnaphthalene
Concen: 0.370 ng/ul
RT: 12.436 min Scan# 2062
Delta R.T. 0.000 min
Lab File: BN026135.D
Acq: 30 Jun 2023 18:19

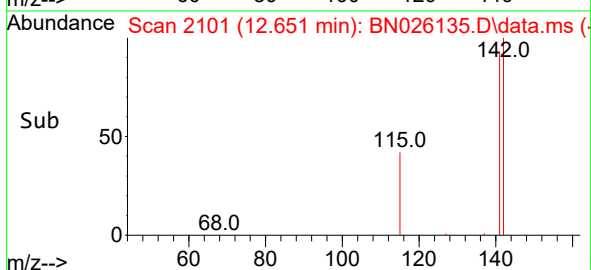
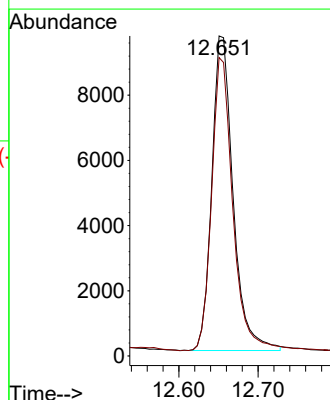
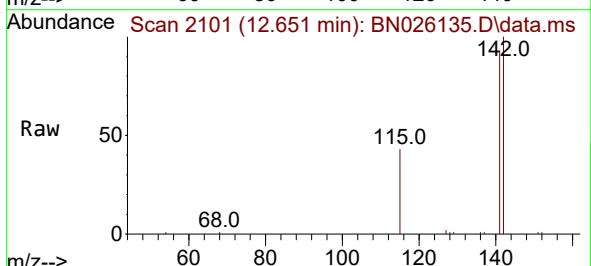
Instrument :
BNA_N
ClientSampleId :
SSTD0.4323

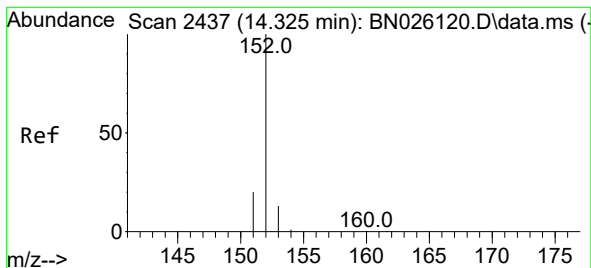
Tgt Ion:142 Resp: 17054
Ion Ratio Lower Upper
142 100
141 89.7 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.378 ng/ul
RT: 12.651 min Scan# 2101
Delta R.T. 0.000 min
Lab File: BN026135.D
Acq: 30 Jun 2023 18:19

Tgt Ion:142 Resp: 18037
Ion Ratio Lower Upper
142 100
141 92.4 74.2 111.4





#10

Acenaphthylene

Concen: 0.417 ng/ul

RT: 14.326 min Scan# 2437

Delta R.T. 0.000 min

Lab File: BN026135.D

Acq: 30 Jun 2023 18:19

Instrument :

BNA_N

ClientSampleId :

SSTD0.4323

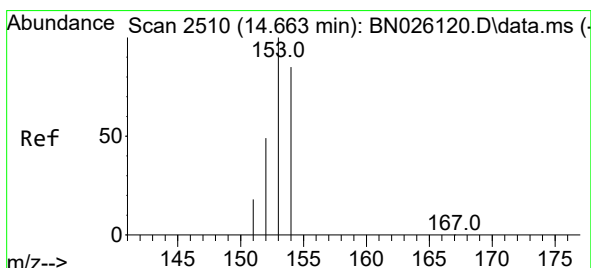
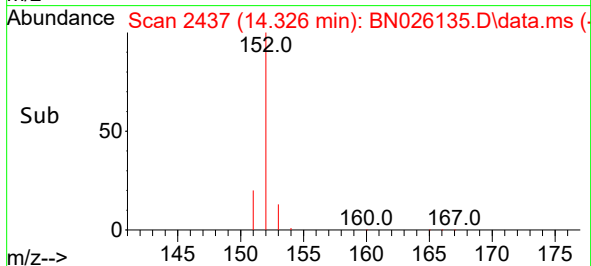
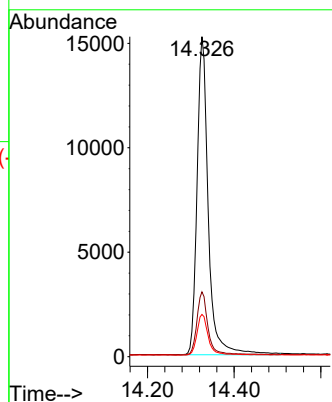
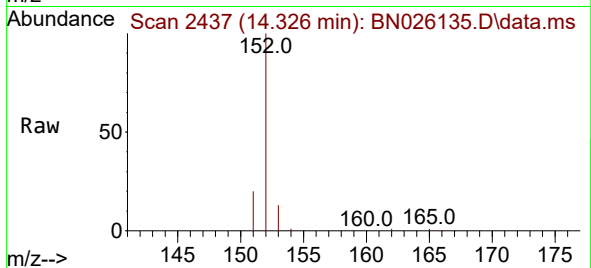
Tgt Ion:152 Resp: 27376

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.4

153 13.2 10.9 16.3



#11

Acenaphthene

Concen: 0.384 ng/ul

RT: 14.668 min Scan# 2511

Delta R.T. 0.000 min

Lab File: BN026135.D

Acq: 30 Jun 2023 18:19

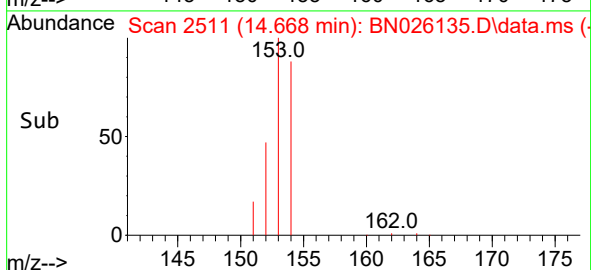
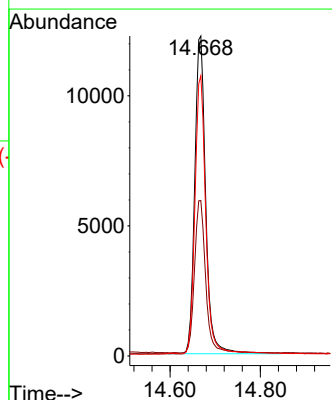
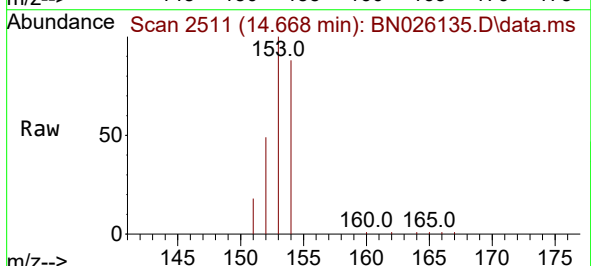
Tgt Ion:153 Resp: 20663

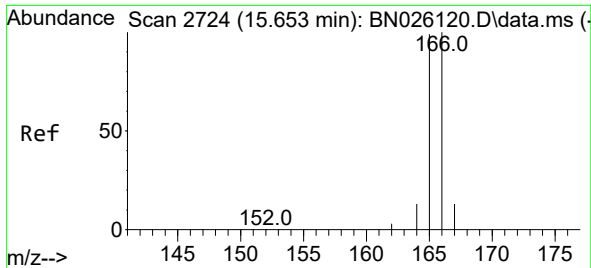
Ion Ratio Lower Upper

153 100

152 48.6 39.4 59.0

154 87.6 68.9 103.3

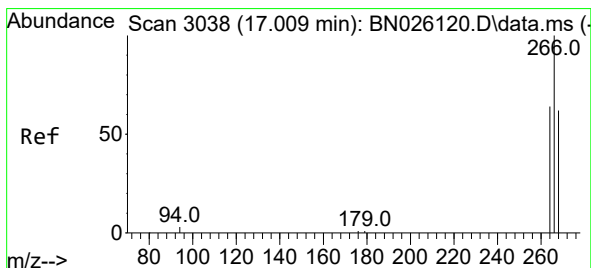
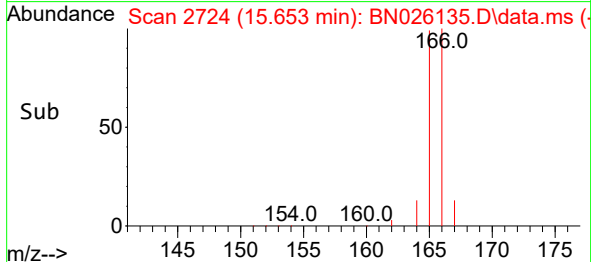
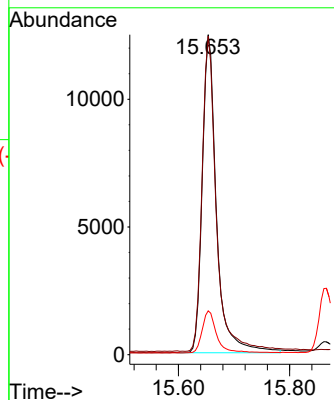
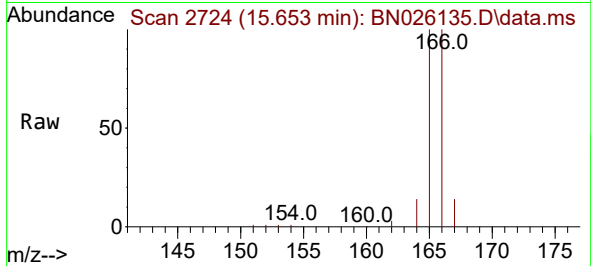




#12
Fluorene
Concen: 0.360 ng/ul
RT: 15.653 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN026135.D
Acq: 30 Jun 2023 18:19

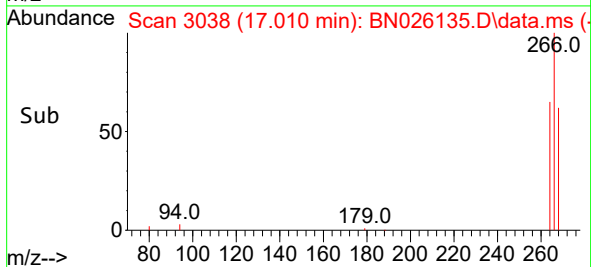
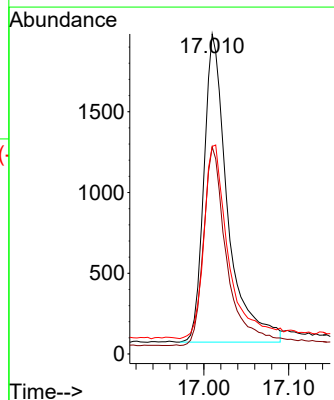
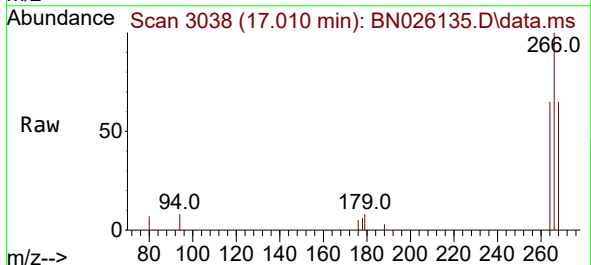
Instrument :
BNA_N
ClientSampleId :
SSTD0.4323

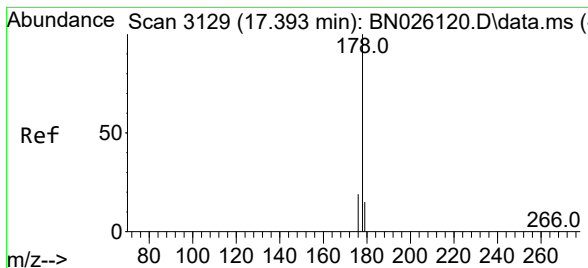
Tgt Ion:166 Resp: 22173
Ion Ratio Lower Upper
166 100
165 99.5 79.9 119.9
167 13.7 10.8 16.2



#14
Pentachlorophenol
Concen: 0.401 ng/ul
RT: 17.010 min Scan# 3038
Delta R.T. 0.000 min
Lab File: BN026135.D
Acq: 30 Jun 2023 18:19

Tgt Ion:266 Resp: 3707
Ion Ratio Lower Upper
266 100
264 63.6 50.5 75.7
268 65.1 51.6 77.4





#15

Phenanthrene

Concen: 0.372 ng/ul

RT: 17.394 min Scan# 3129

Delta R.T. 0.000 min

Lab File: BN026135.D

Acq: 30 Jun 2023 18:19

Instrument :

BNA_N

ClientSampleId :

SSTD0.4323

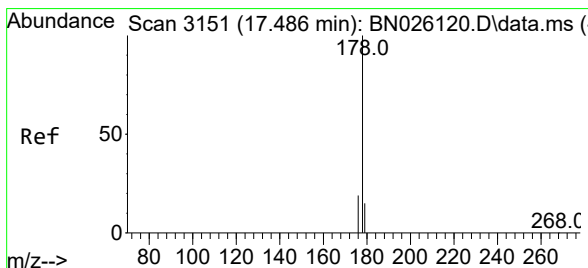
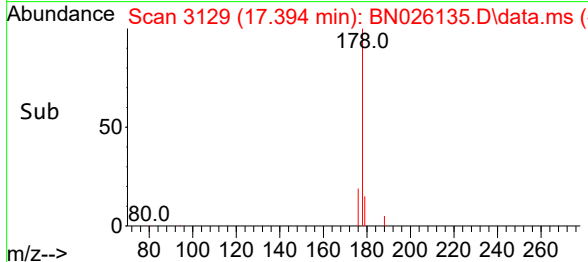
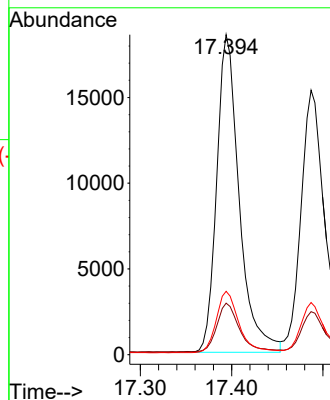
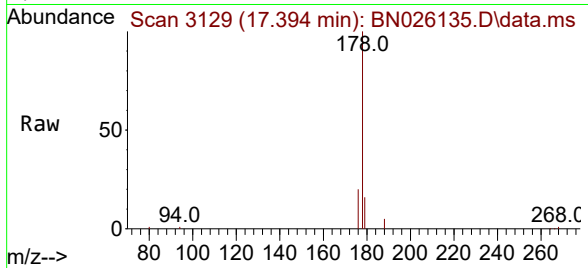
Tgt Ion:178 Resp: 31685

Ion Ratio Lower Upper

178 100

179 16.1 12.6 19.0

176 19.8 15.8 23.6



#16

Anthracene

Concen: 0.379 ng/ul

RT: 17.487 min Scan# 3151

Delta R.T. 0.000 min

Lab File: BN026135.D

Acq: 30 Jun 2023 18:19

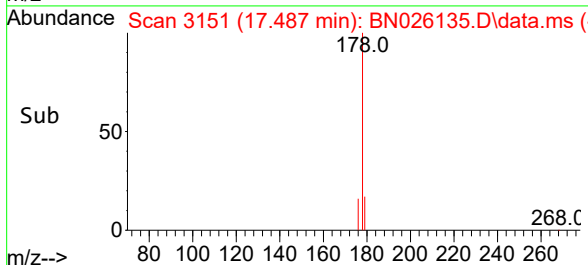
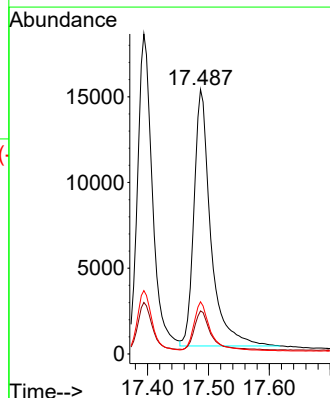
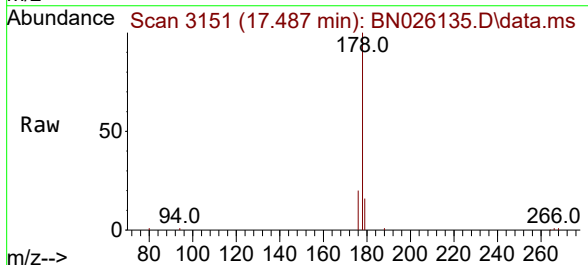
Tgt Ion:178 Resp: 28685

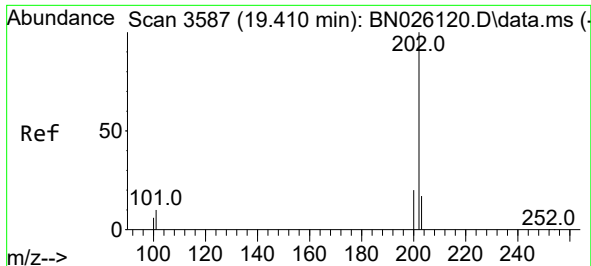
Ion Ratio Lower Upper

178 100

179 16.3 12.6 18.8

176 19.7 15.1 22.7

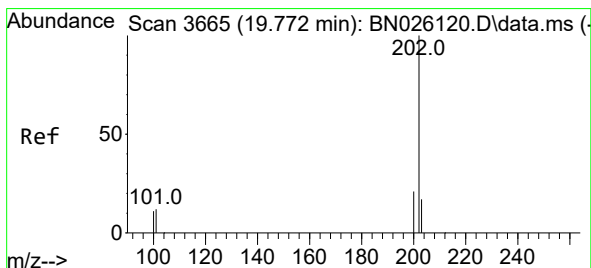
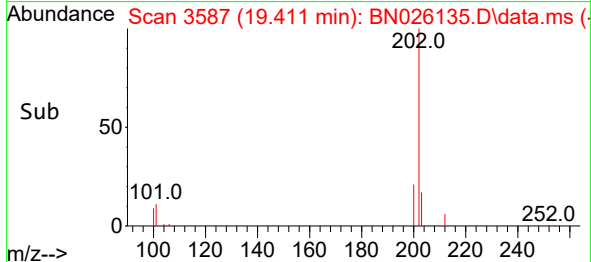
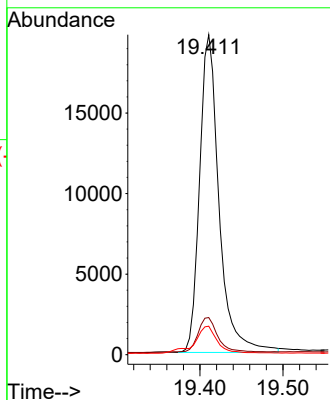
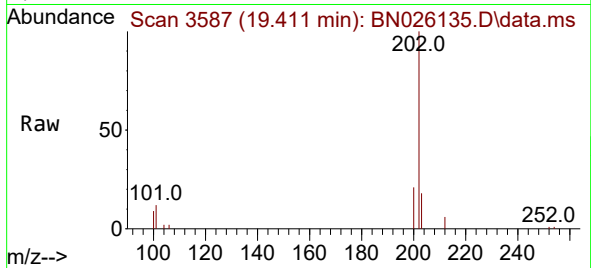




#19
Fluoranthene
Concen: 0.423 ng/ul
RT: 19.411 min Scan# 3587
Delta R.T. 0.000 min
Lab File: BN026135.D
Acq: 30 Jun 2023 18:19

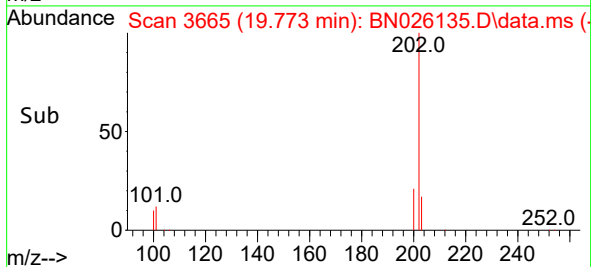
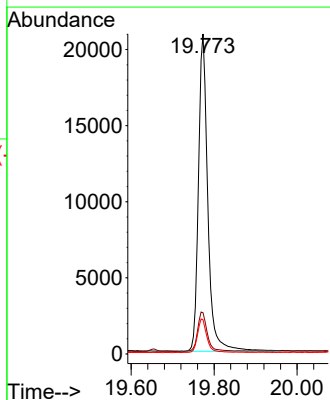
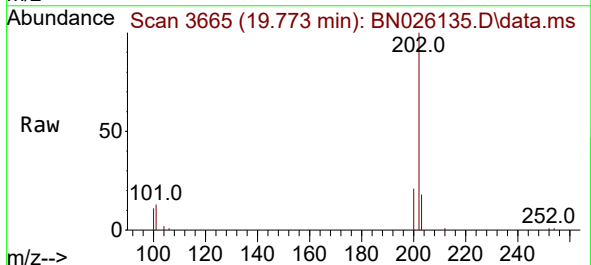
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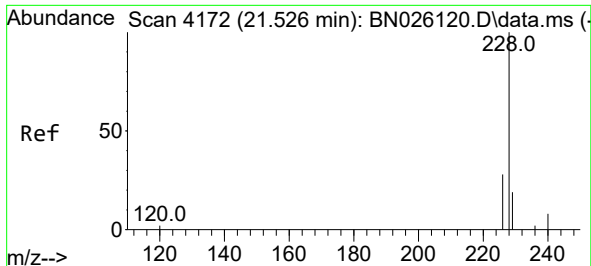
Tgt Ion:202 Resp: 32191
Ion Ratio Lower Upper
202 100
101 11.6 9.5 14.3
100 8.9 7.3 10.9



#20
Pyrene
Concen: 0.416 ng/ul
RT: 19.773 min Scan# 3665
Delta R.T. 0.000 min
Lab File: BN026135.D
Acq: 30 Jun 2023 18:19

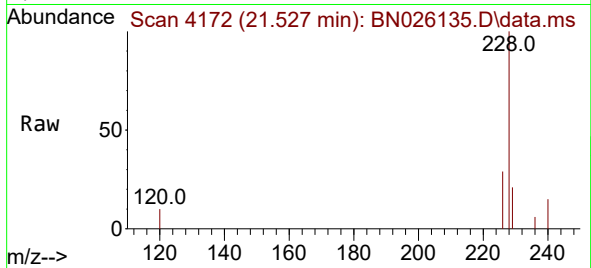
Tgt Ion:202 Resp: 32919
Ion Ratio Lower Upper
202 100
101 12.9 11.4 17.0
100 10.7 9.1 13.7



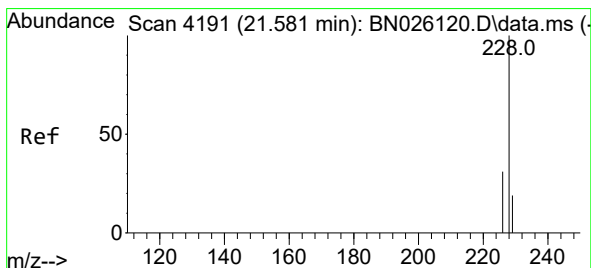
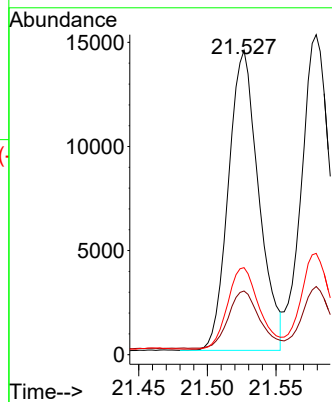
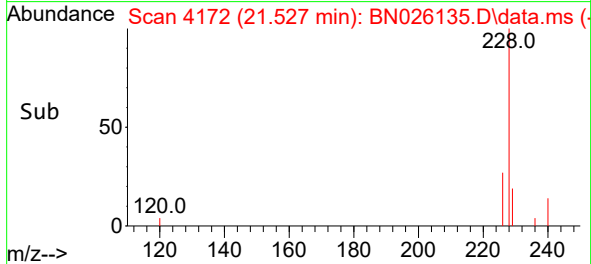


#21
Benzo(a)anthracene
Concen: 0.378 ng/ul
RT: 21.527 min Scan# 4172
Delta R.T. 0.000 min
Lab File: BN026135.D
Acq: 30 Jun 2023 18:19

Instrument :
BNA_N
ClientSampleId :
SSTD0.4323

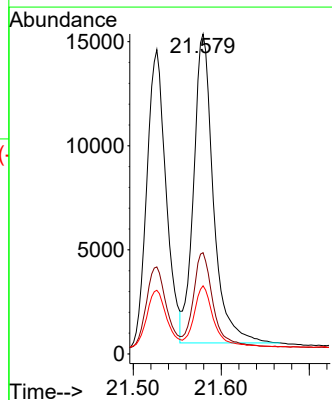
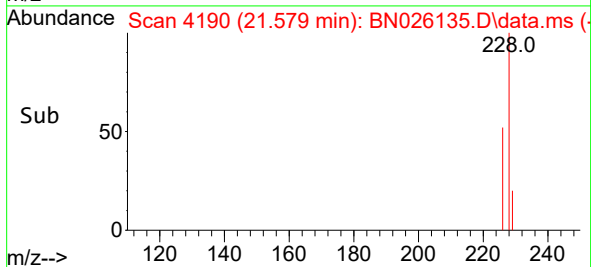
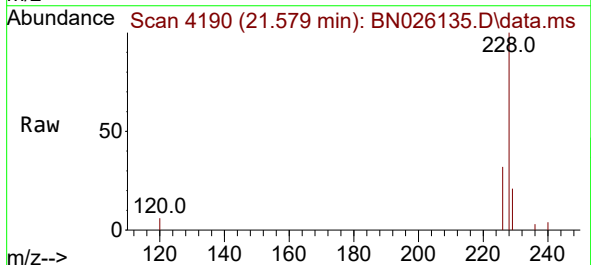


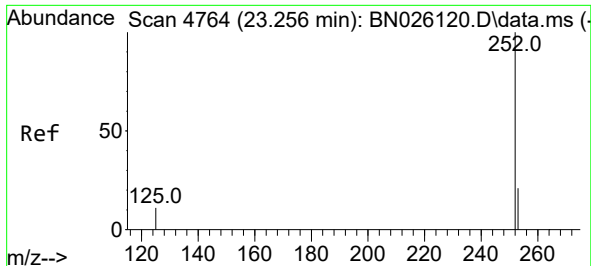
Tgt Ion:228 Resp: 22164
Ion Ratio Lower Upper
228 100
229 20.9 15.8 23.6
226 28.6 22.5 33.7



#22
Chrysene
Concen: 0.380 ng/ul
RT: 21.579 min Scan# 4190
Delta R.T. 0.000 min
Lab File: BN026135.D
Acq: 30 Jun 2023 18:19

Tgt Ion:228 Resp: 23232
Ion Ratio Lower Upper
228 100
226 31.7 24.8 37.2
229 21.3 15.7 23.5

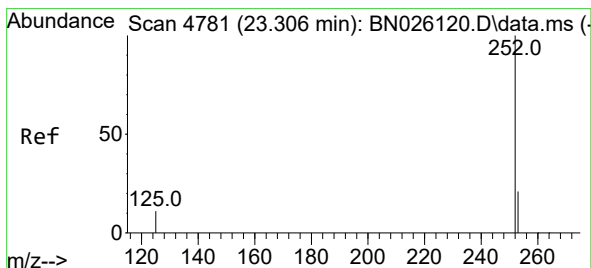
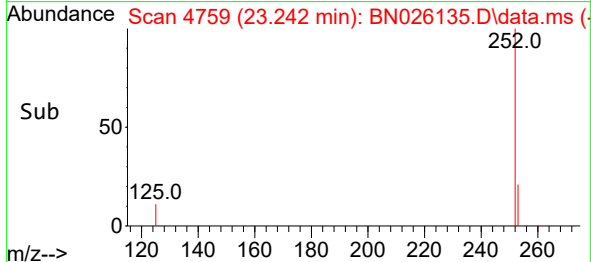
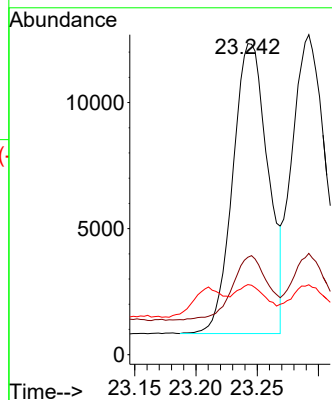
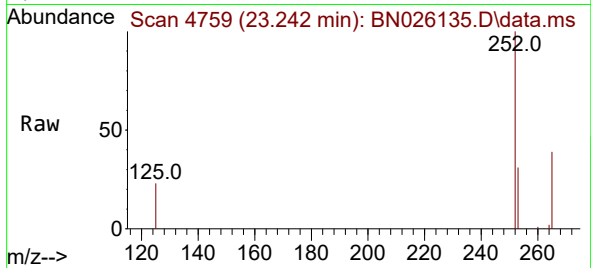




#24
Benzo(b)fluoranthene
Concen: 0.352 ng/ul
RT: 23.242 min Scan# 4759
Delta R.T. 0.000 min
Lab File: BN026135.D
Acq: 30 Jun 2023 18:19

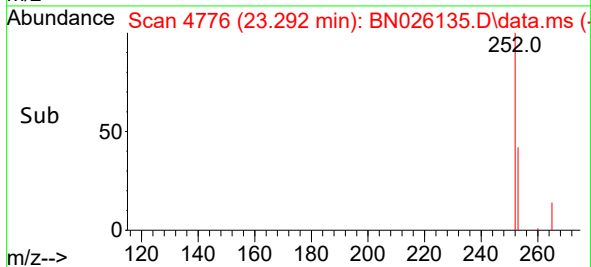
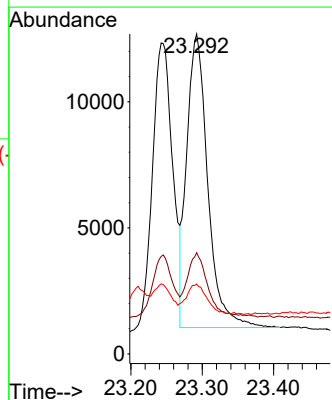
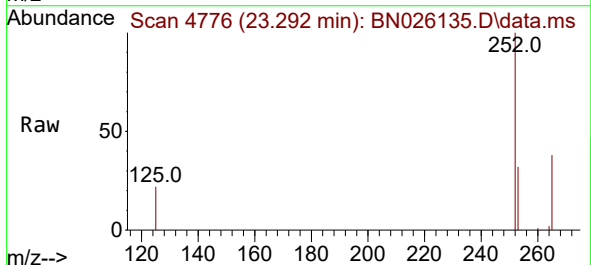
Instrument :
BNA_N
ClientSampleId :
SSTD0.4323

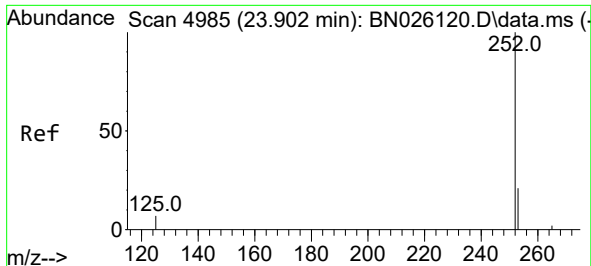
Tgt Ion:252 Resp: 23004
Ion Ratio Lower Upper
252 100
253 31.3 0.0 55.6
125 22.5 0.0 35.8



#25
Benzo(k)fluoranthene
Concen: 0.363 ng/ul
RT: 23.292 min Scan# 4776
Delta R.T. 0.000 min
Lab File: BN026135.D
Acq: 30 Jun 2023 18:19

Tgt Ion:252 Resp: 23799
Ion Ratio Lower Upper
252 100
253 31.6 23.2 34.8
125 21.8 15.0 22.4

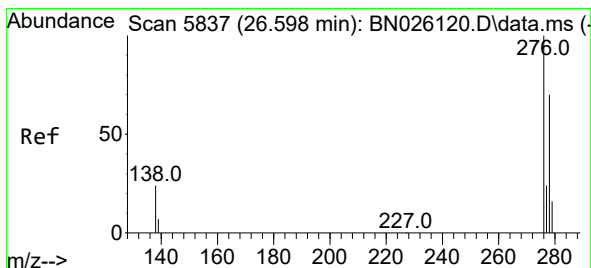
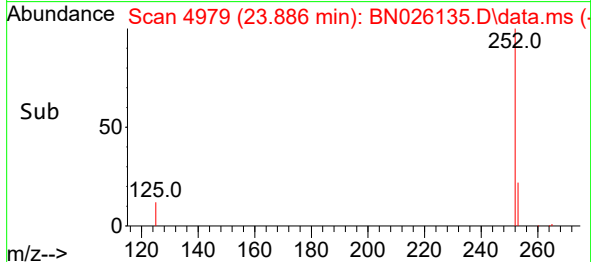
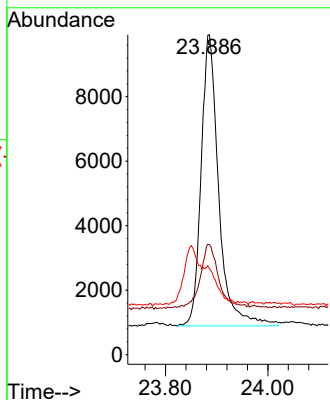
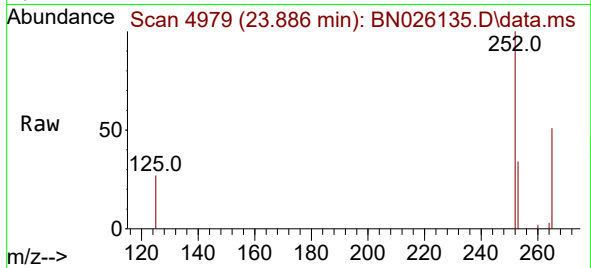




#26
Benzo(a)pyrene
Concen: 0.380 ng/ul
RT: 23.886 min Scan# 4985
Delta R.T. 0.000 min
Lab File: BN026135.D
Acq: 30 Jun 2023 18:19

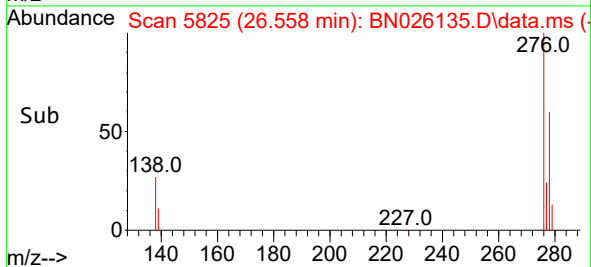
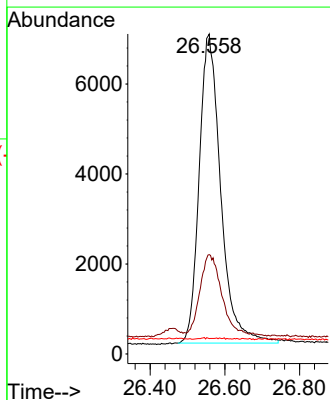
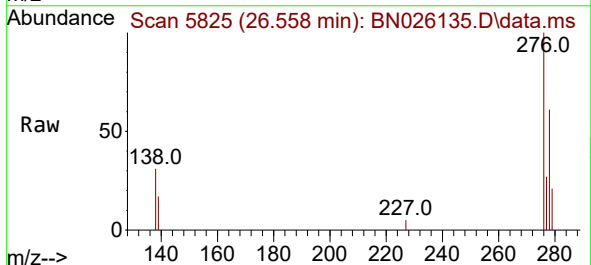
Instrument :
BNA_N
ClientSampleId :
SSTD0.4323

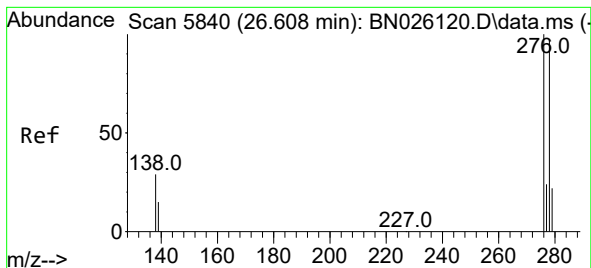
Tgt Ion:252 Resp: 21567
Ion Ratio Lower Upper
252 100
253 34.4 26.0 39.0
125 26.8 17.3 25.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.443 ng/ul
RT: 26.558 min Scan# 5825
Delta R.T. 0.000 min
Lab File: BN026135.D
Acq: 30 Jun 2023 18:19

Tgt Ion:276 Resp: 27467
Ion Ratio Lower Upper
276 100
138 26.9 24.5 36.7
227 0.1 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.452 ng/ul

RT: 26.578 min Scan# 5831

Delta R.T. 0.000 min

Lab File: BN026135.D

Acq: 30 Jun 2023 18:19

Instrument :

BNA_N

ClientSampleId :

SSTD0.4323

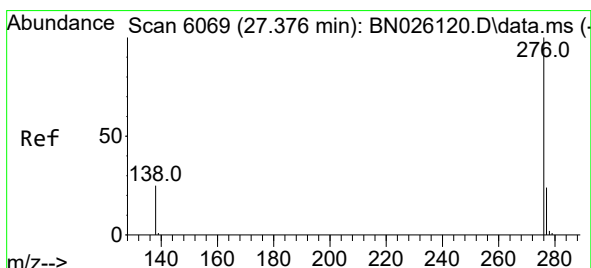
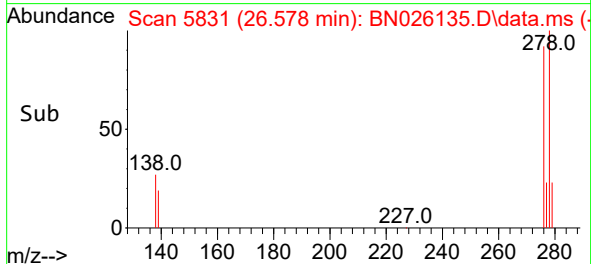
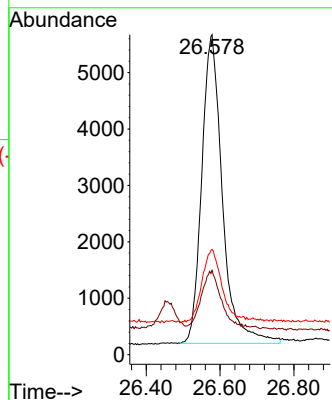
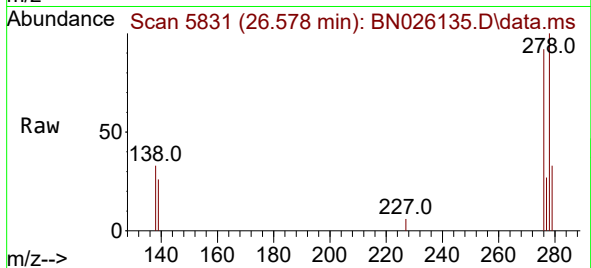
Tgt Ion:278 Resp: 21215

Ion Ratio Lower Upper

278 100

139 26.4 19.0 28.4

279 32.9 26.7 40.1



#29

Benzo(g,h,i)perylene

Concen: 0.427 ng/ul

RT: 27.346 min Scan# 6060

Delta R.T. 0.000 min

Lab File: BN026135.D

Acq: 30 Jun 2023 18:19

Tgt Ion:276 Resp: 23521

Ion Ratio Lower Upper

276 100

138 29.2 23.4 35.0

277 26.9 20.0 30.0

