

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070123\
 Data File : BN026143.D
 Acq On : 30 Jun 2023 23:16
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4324

Quant Time: Jul 01 01:48:42 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)

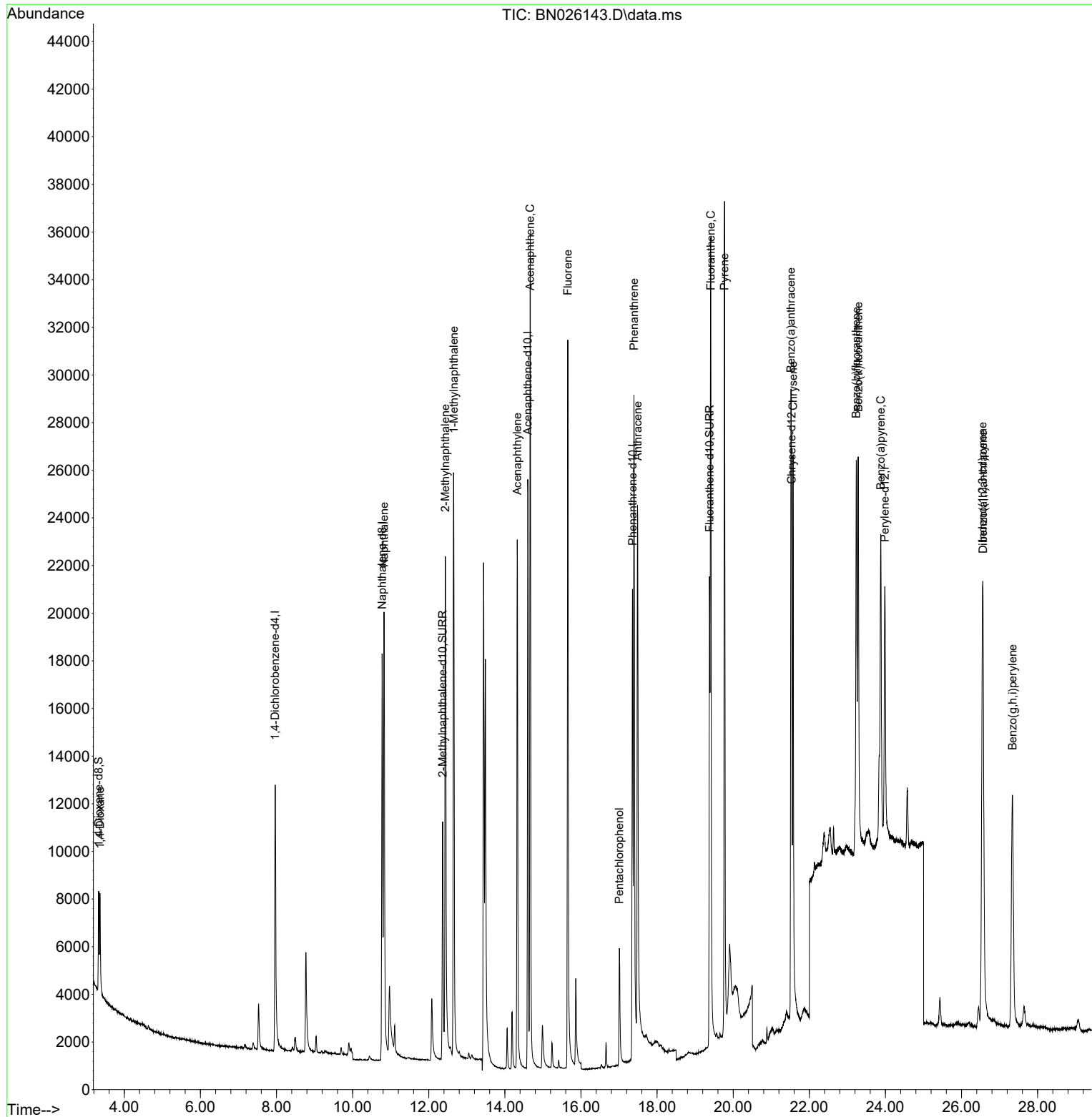
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	7968	0.400	ng/ul	0.00
4) Naphthalene-d8	10.776	136	27048	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.602	164	15226	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.355	188	27647	0.400	ng/ul	0.00
17) Chrysene-d12	21.535	240	15397	0.400	ng/ul	# 0.00
23) Perylene-d12	23.984	264	16315	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.327	96	3056	0.341	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.365	152	15661	0.376	ng/ul	0.00
18) Fluoranthene-d10	19.377	212	24773	0.423	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.360	88	3111	0.327	ng/ul#	86
5) Naphthalene	10.825	128	29382	0.379	ng/ul	100
7) 2-Methylnaphthalene	12.436	142	18459	0.374	ng/ul	99
8) 1-Methylnaphthalene	12.656	142	19449	0.380	ng/ul	100
10) Acenaphthylene	14.325	152	29443	0.413	ng/ul	100
11) Acenaphthene	14.667	153	22270	0.382	ng/ul	99
12) Fluorene	15.653	166	23934	0.358	ng/ul	99
14) Pentachlorophenol	17.009	266	4177	0.421	ng/ul	99
15) Phenanthrene	17.393	178	34034	0.373	ng/ul	99
16) Anthracene	17.486	178	32399	0.399	ng/ul	98
19) Fluoranthene	19.410	202	33931	0.413	ng/ul	99
20) Pyrene	19.772	202	34850	0.407	ng/ul	98
21) Benzo(a)anthracene	21.517	228	23553	0.371	ng/ul	96
22) Chrysene	21.573	228	24714	0.374	ng/ul	96
24) Benzo(b)fluoranthene	23.236	252	25174	0.362	ng/ul	90
25) Benzo(k)fluoranthene	23.285	252	25048	0.358	ng/ul#	92
26) Benzo(a)pyrene	23.876	252	22753	0.376	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.551	276	28778	0.436	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.564	278	22267	0.445	ng/ul	97
29) Benzo(g,h,i)perylene	27.339	276	24581	0.418	ng/ul	98

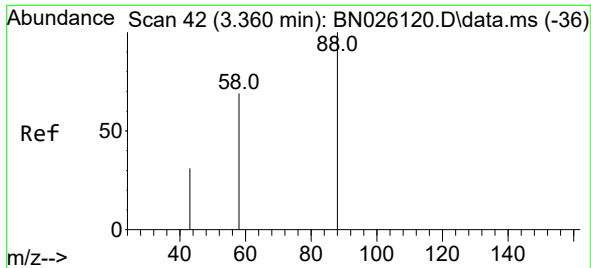
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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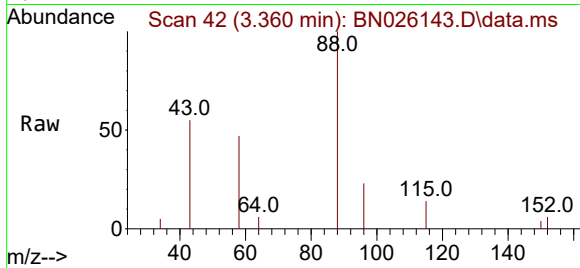
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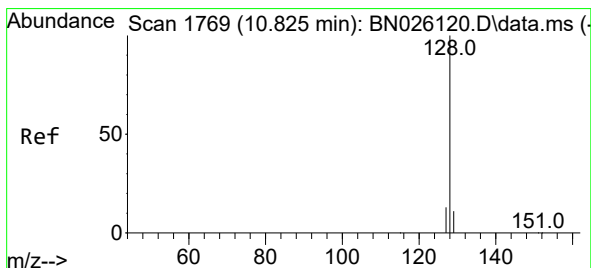
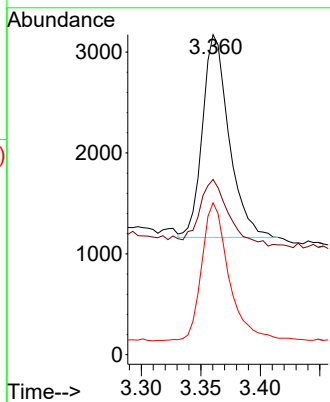
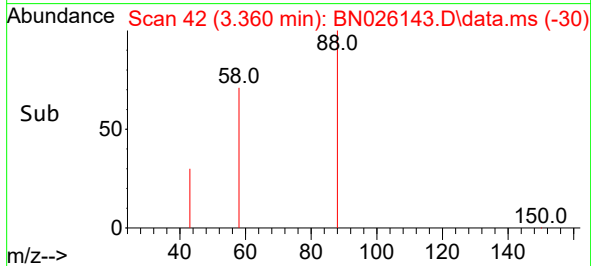


#2
1,4-Dioxane
Concen: 0.327 ng/ul
RT: 3.360 min Scan# 41
Delta R.T. 0.000 min
Lab File: BN026143.D
Acq: 30 Jun 2023 23:16

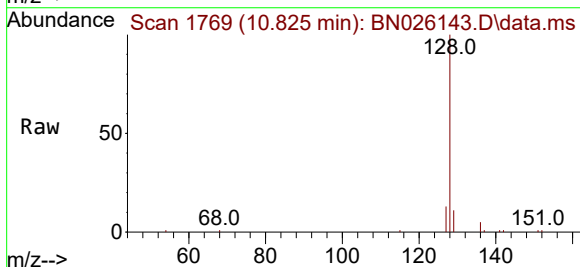
Instrument :
BNA_N
ClientSampleId :
SSTD0.4324



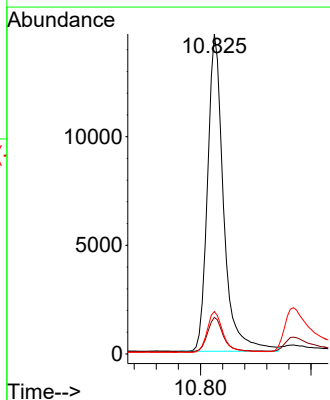
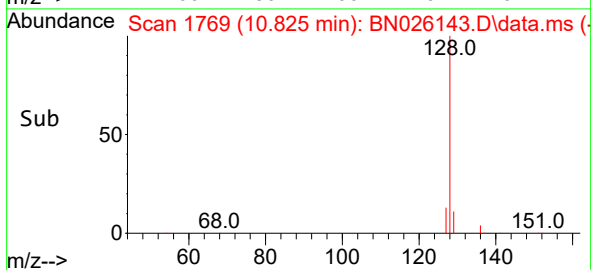
Tgt Ion: 88 Resp: 3111
Ion Ratio Lower Upper
88 100
43 54.8 29.5 44.3#
58 47.4 37.4 56.2

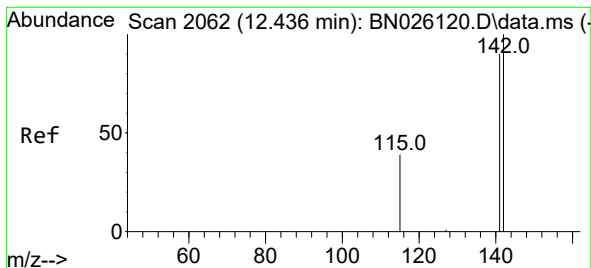


#5
Naphthalene
Concen: 0.379 ng/ul
RT: 10.825 min Scan# 1769
Delta R.T. 0.000 min
Lab File: BN026143.D
Acq: 30 Jun 2023 23:16



Tgt Ion: 128 Resp: 29382
Ion Ratio Lower Upper
128 100
129 11.4 9.1 13.7
127 13.2 10.7 16.1

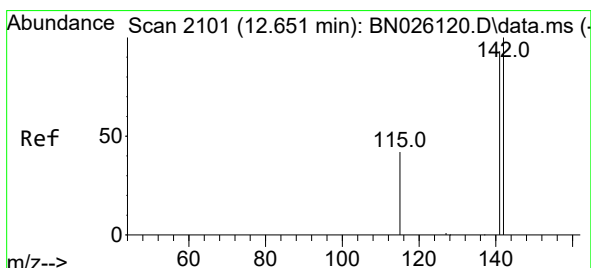
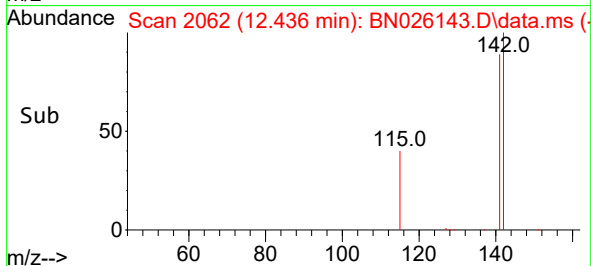
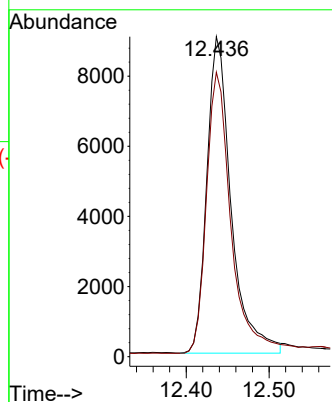
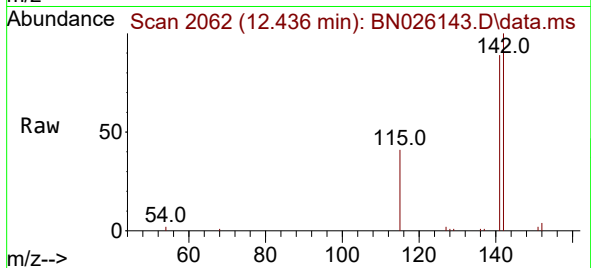




#7
2-Methylnaphthalene
Concen: 0.374 ng/ul
RT: 12.436 min Scan# 2062
Delta R.T. 0.000 min
Lab File: BN026143.D
Acq: 30 Jun 2023 23:16

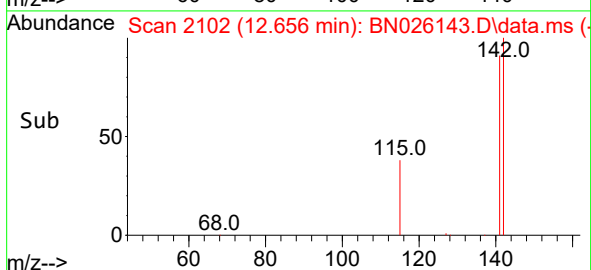
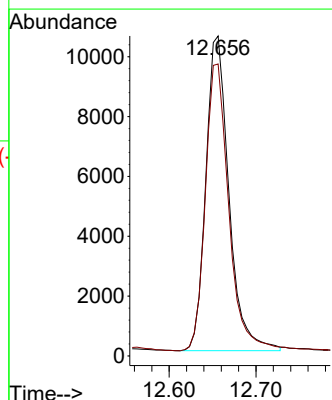
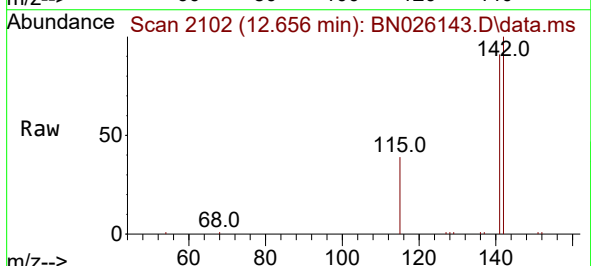
Instrument :
BNA_N
ClientSampleId :
SSTD0.4324

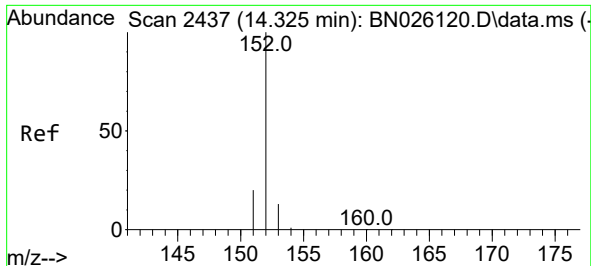
Tgt Ion:142 Resp: 18459
Ion Ratio Lower Upper
142 100
141 89.2 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.380 ng/ul
RT: 12.656 min Scan# 2102
Delta R.T. 0.006 min
Lab File: BN026143.D
Acq: 30 Jun 2023 23:16

Tgt Ion:142 Resp: 19449
Ion Ratio Lower Upper
142 100
141 92.4 74.2 111.4

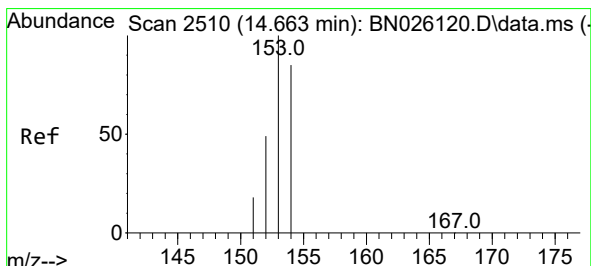
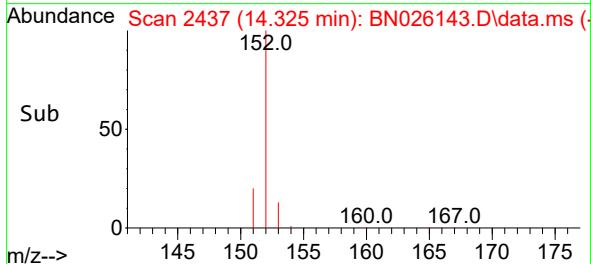
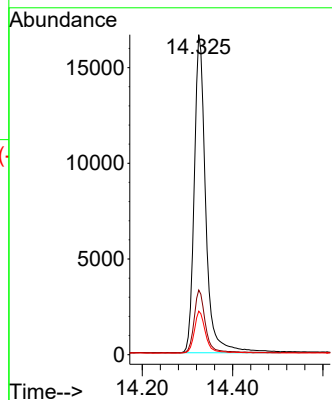
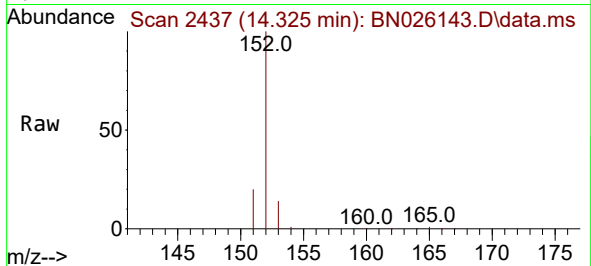




#10
Acenaphthylene
Concen: 0.413 ng/ul
RT: 14.325 min Scan# 2437
Delta R.T. -0.001 min
Lab File: BN026143.D
Acq: 30 Jun 2023 23:16

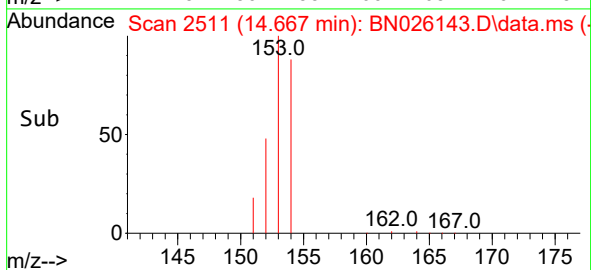
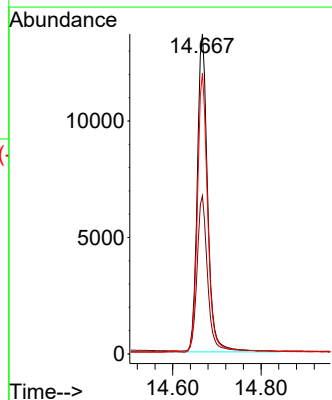
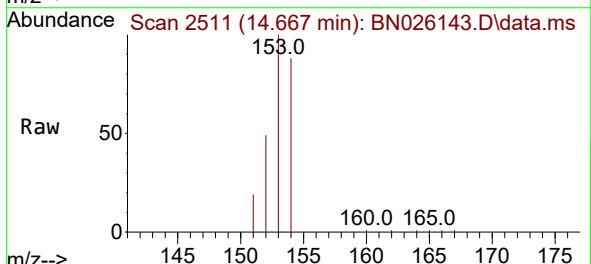
Instrument :
BNA_N
ClientSampleId :
SSTD0.4324

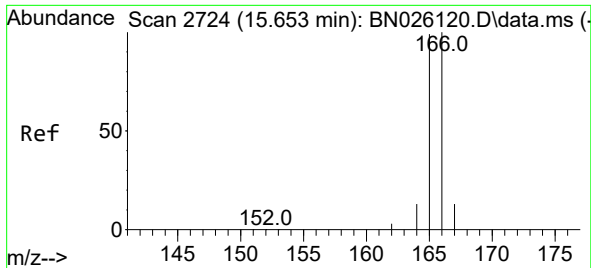
Tgt Ion:152 Resp: 29443
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.4
153 13.6 10.9 16.3



#11
Acenaphthene
Concen: 0.382 ng/ul
RT: 14.667 min Scan# 2511
Delta R.T. -0.001 min
Lab File: BN026143.D
Acq: 30 Jun 2023 23:16

Tgt Ion:153 Resp: 22270
Ion Ratio Lower Upper
153 100
152 49.5 39.4 59.0
154 87.8 68.9 103.3

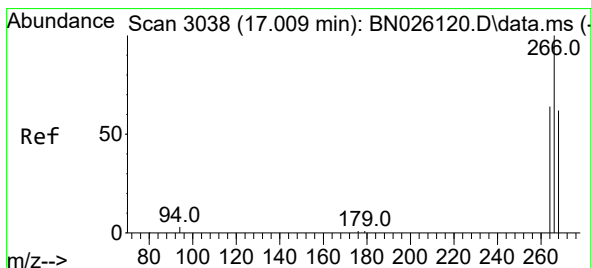
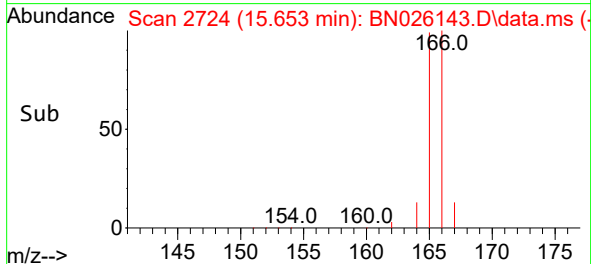
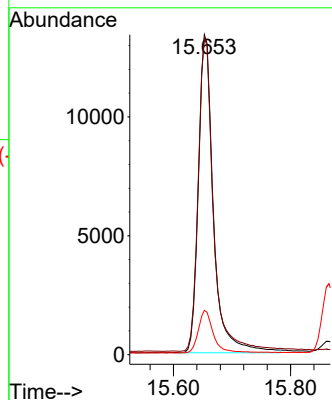
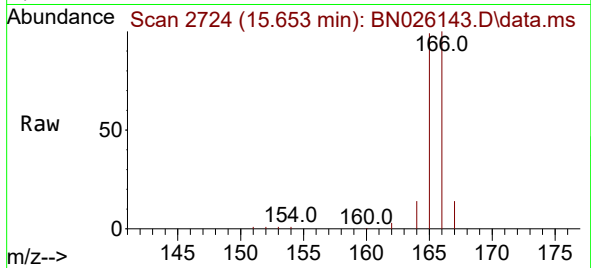




#12
Fluorene
Concen: 0.358 ng/ul
RT: 15.653 min Scan# 21
Delta R.T. -0.001 min
Lab File: BN026143.D
Acq: 30 Jun 2023 23:16

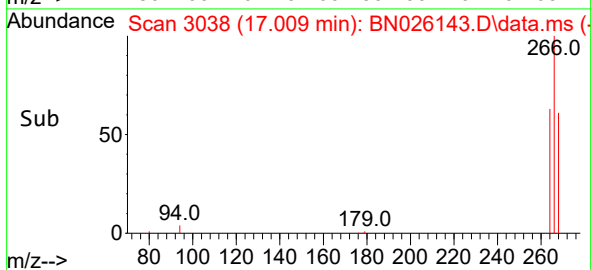
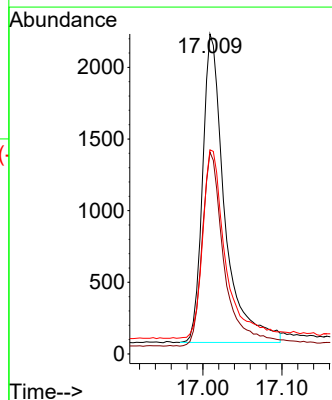
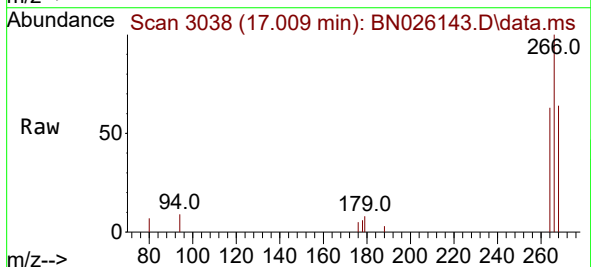
Instrument :
BNA_N
ClientSampleId :
SSTD0.4324

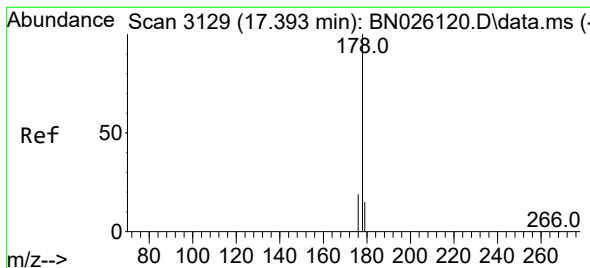
Tgt Ion:166 Resp: 23934
Ion Ratio Lower Upper
166 100
165 99.3 79.9 119.9
167 13.9 10.8 16.2



#14
Pentachlorophenol
Concen: 0.421 ng/ul
RT: 17.009 min Scan# 3038
Delta R.T. -0.001 min
Lab File: BN026143.D
Acq: 30 Jun 2023 23:16

Tgt Ion:266 Resp: 4177
Ion Ratio Lower Upper
266 100
264 62.9 50.5 75.7
268 62.8 51.6 77.4





#15

Phenanthrene

Concen: 0.373 ng/ul

RT: 17.393 min Scan# 3129

Delta R.T. -0.001 min

Lab File: BN026143.D

Acq: 30 Jun 2023 23:16

Instrument :

BNA_N

ClientSampleId :

SSTD0.4324

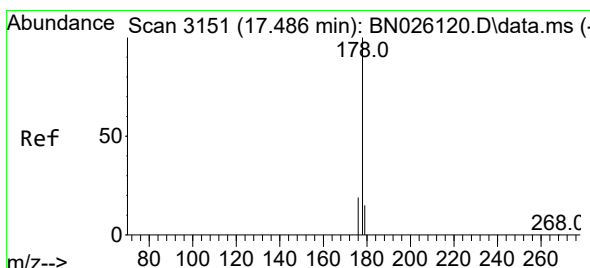
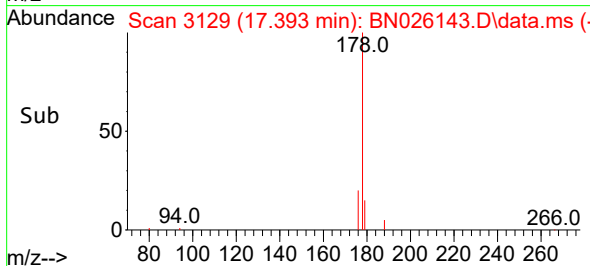
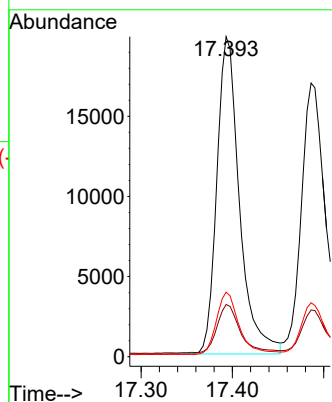
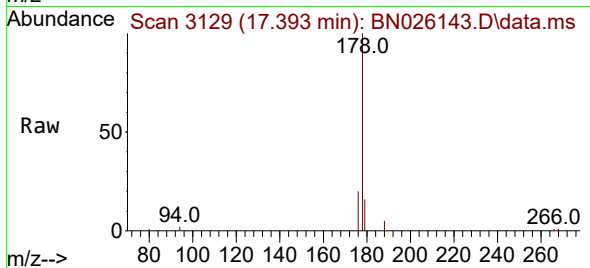
Tgt Ion:178 Resp: 34034

Ion Ratio Lower Upper

178 100

179 16.3 12.6 19.0

176 20.2 15.8 23.6



#16

Anthracene

Concen: 0.399 ng/ul

RT: 17.486 min Scan# 3151

Delta R.T. -0.001 min

Lab File: BN026143.D

Acq: 30 Jun 2023 23:16

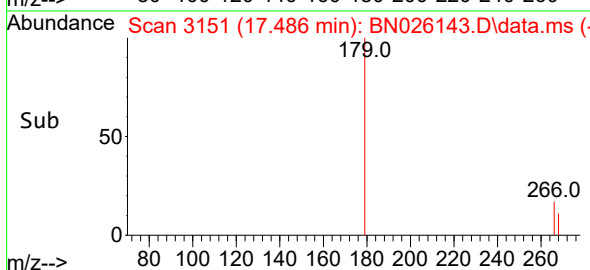
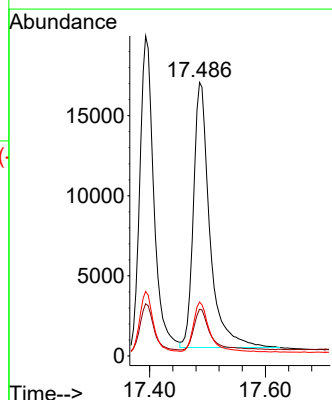
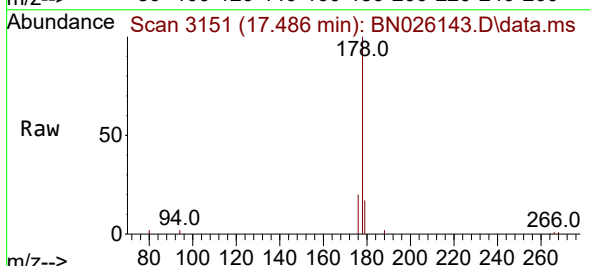
Tgt Ion:178 Resp: 32399

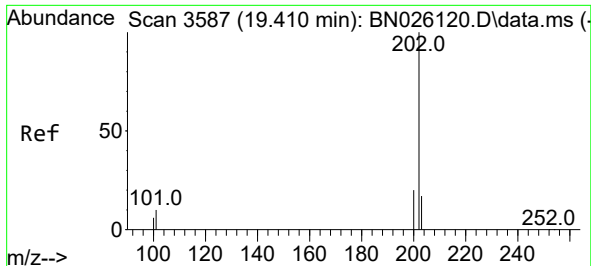
Ion Ratio Lower Upper

178 100

179 17.1 12.6 18.8

176 19.7 15.1 22.7

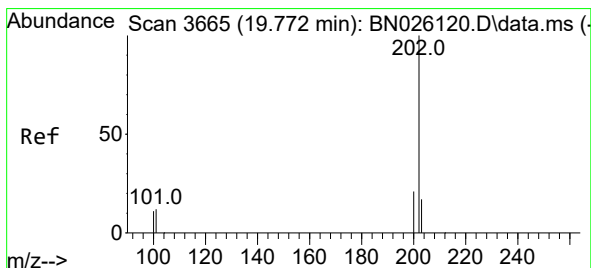
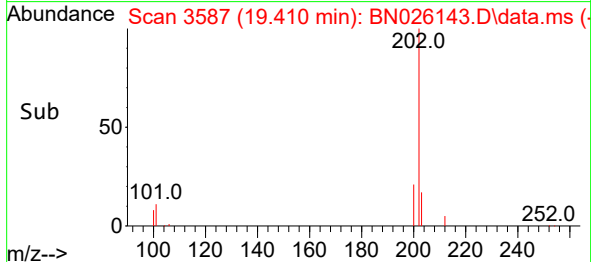
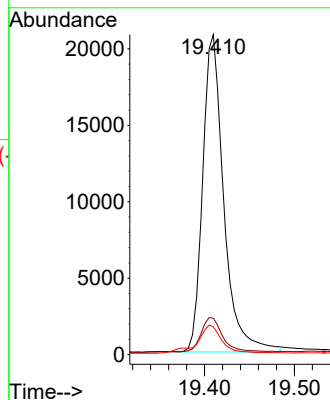
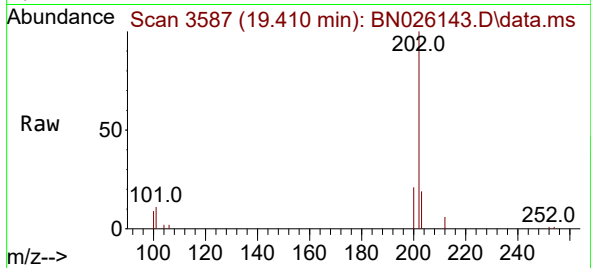




#19
Fluoranthene
Concen: 0.413 ng/ul
RT: 19.410 min Scan# 3587
Delta R.T. -0.001 min
Lab File: BN026143.D
Acq: 30 Jun 2023 23:16

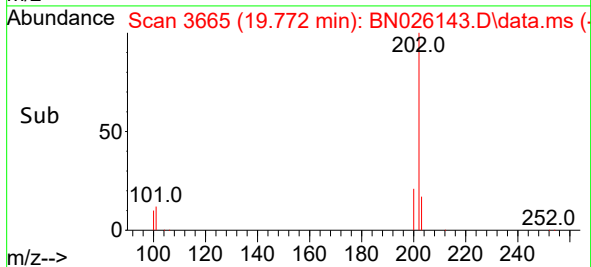
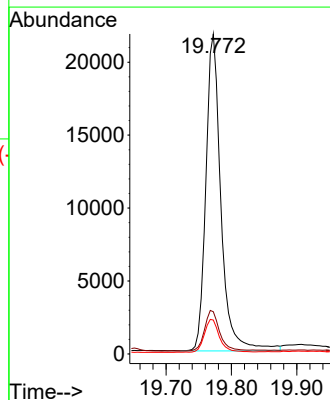
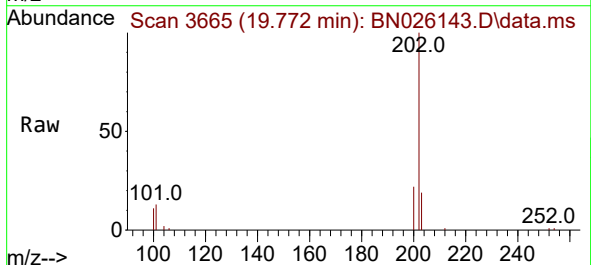
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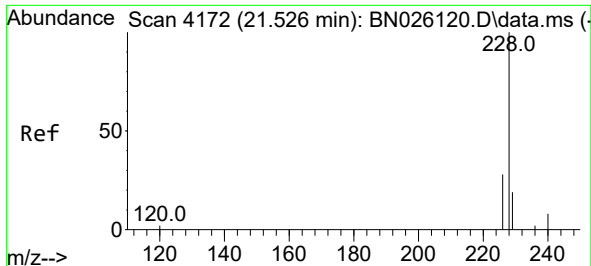
Tgt Ion:202 Resp: 33931
Ion Ratio Lower Upper
202 100
101 11.4 9.5 14.3
100 8.7 7.3 10.9



#20
Pyrene
Concen: 0.407 ng/ul
RT: 19.772 min Scan# 3665
Delta R.T. -0.001 min
Lab File: BN026143.D
Acq: 30 Jun 2023 23:16

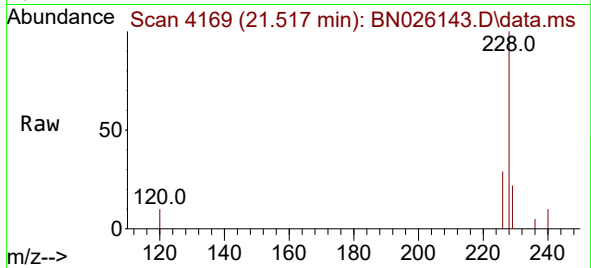
Tgt Ion:202 Resp: 34850
Ion Ratio Lower Upper
202 100
101 13.2 11.4 17.0
100 10.6 9.1 13.7



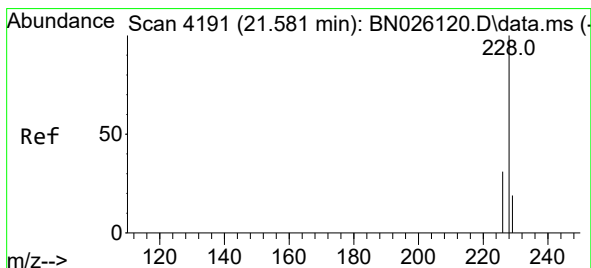
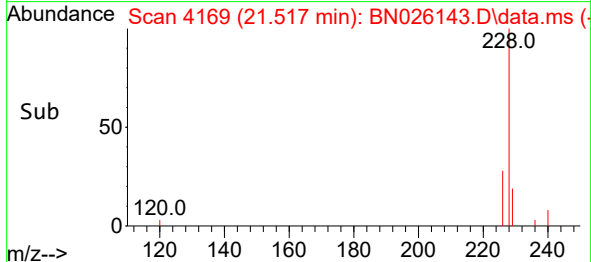
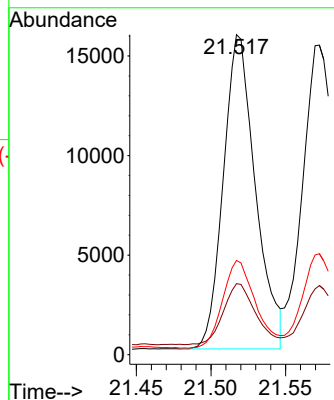


#21
Benzo(a)anthracene
Concen: 0.371 ng/ul
RT: 21.517 min Scan# 4188
Delta R.T. -0.010 min
Lab File: BN026143.D
Acq: 30 Jun 2023 23:16

Instrument :
BNA_N
ClientSampleId :
SSTD0.4324

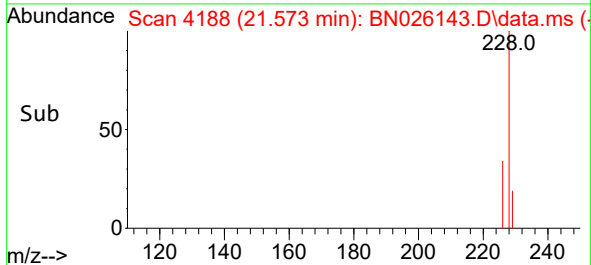
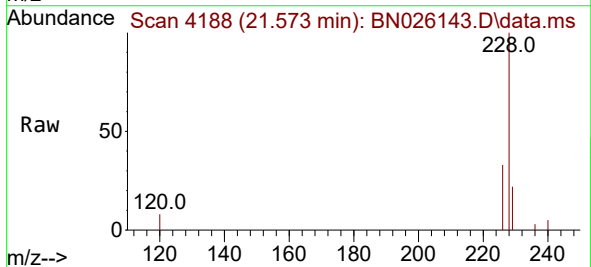
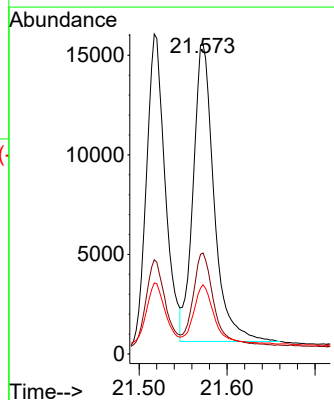


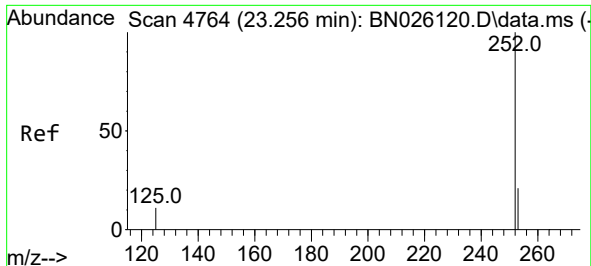
Tgt Ion:228 Resp: 23553
Ion Ratio Lower Upper
228 100
229 22.2 15.8 23.6
226 29.5 22.5 33.7



#22
Chrysene
Concen: 0.374 ng/ul
RT: 21.573 min Scan# 4188
Delta R.T. -0.007 min
Lab File: BN026143.D
Acq: 30 Jun 2023 23:16

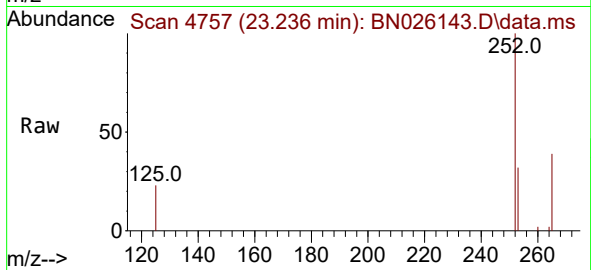
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Ion Ratio Lower Upper
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226 32.6 24.8 37.2
229 22.3 15.7 23.5



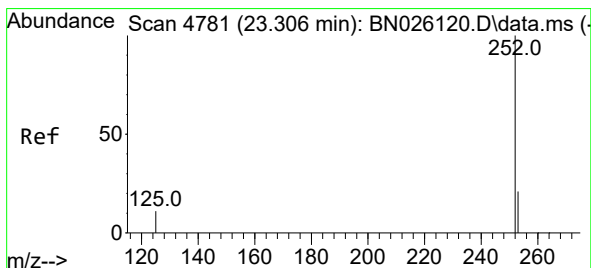
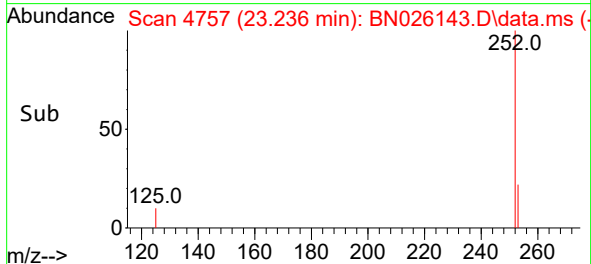
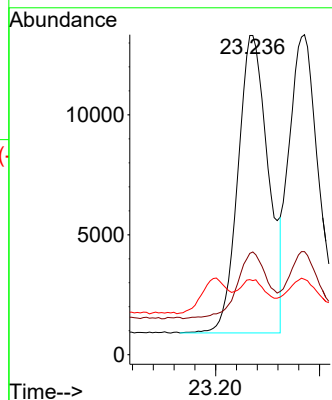


#24
Benzo(b)fluoranthene
Concen: 0.362 ng/ul
RT: 23.236 min Scan# 4757
Delta R.T. -0.007 min
Lab File: BN026143.D
Acq: 30 Jun 2023 23:16

Instrument :
BNA_N
ClientSampleId :
SSTD0.4324

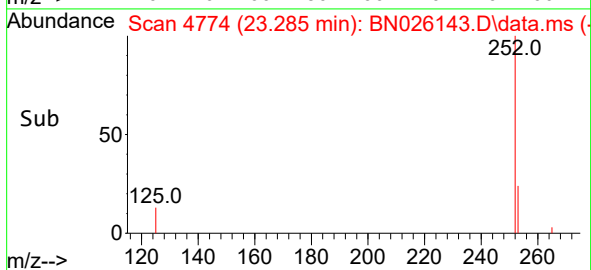
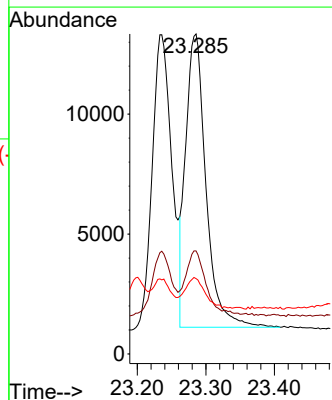
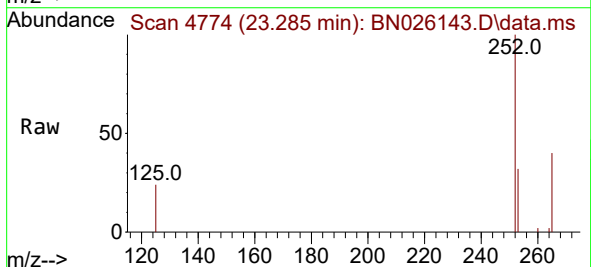


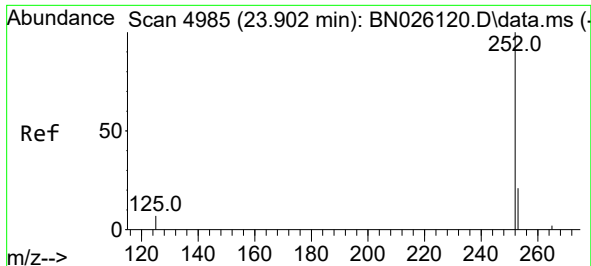
Tgt Ion:252 Resp: 25174
Ion Ratio Lower Upper
252 100
253 32.2 0.0 55.6
125 23.2 0.0 35.8



#25
Benzo(k)fluoranthene
Concen: 0.358 ng/ul
RT: 23.285 min Scan# 4774
Delta R.T. -0.007 min
Lab File: BN026143.D
Acq: 30 Jun 2023 23:16

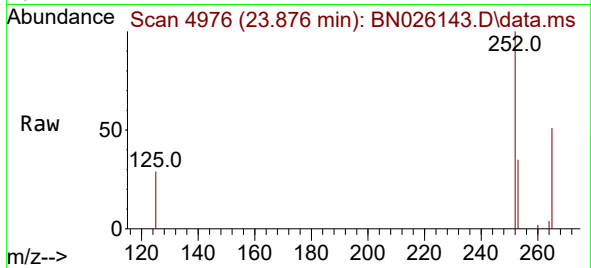
Tgt Ion:252 Resp: 25048
Ion Ratio Lower Upper
252 100
253 32.2 23.2 34.8
125 23.5 15.0 22.4#



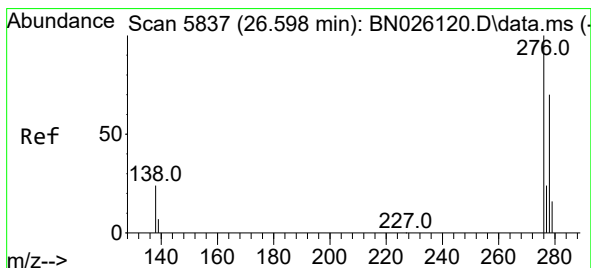
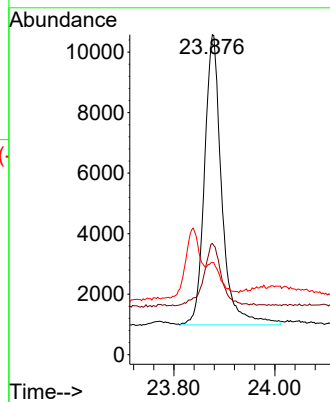
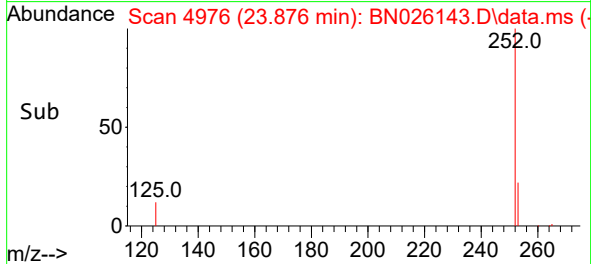


#26
Benzo(a)pyrene
Concen: 0.376 ng/ul
RT: 23.876 min Scan# 4985
Delta R.T. -0.010 min
Lab File: BN026143.D
Acq: 30 Jun 2023 23:16

Instrument :
BNA_N
ClientSampleId :
SSTD0.4324

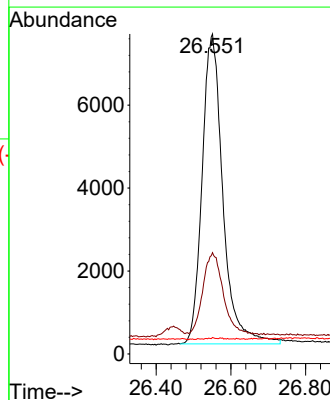
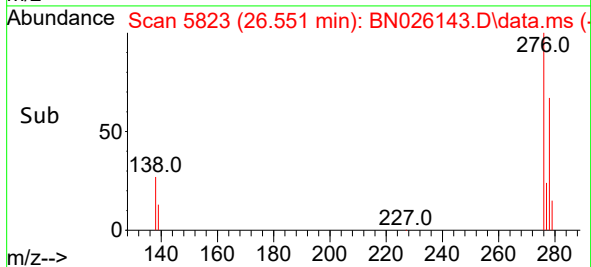
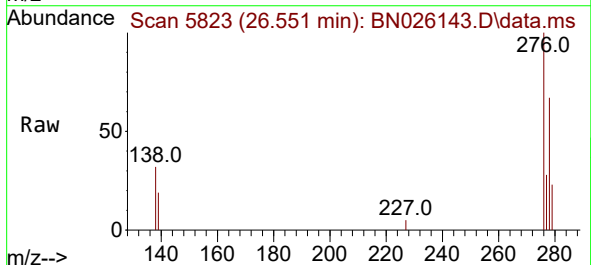


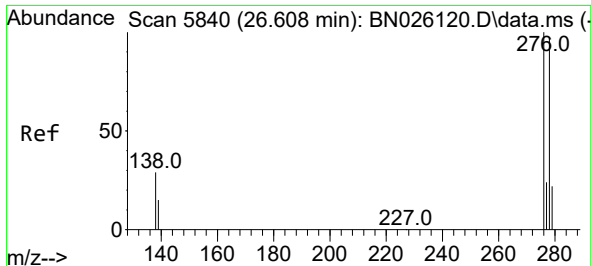
Tgt Ion:252 Resp: 22753
Ion Ratio Lower Upper
252 100
253 34.7 26.0 39.0
125 28.8 17.3 25.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.436 ng/ul
RT: 26.551 min Scan# 5823
Delta R.T. -0.008 min
Lab File: BN026143.D
Acq: 30 Jun 2023 23:16

Tgt Ion:276 Resp: 28778
Ion Ratio Lower Upper
276 100
138 26.6 24.5 36.7
227 0.2 0.0 0.0#

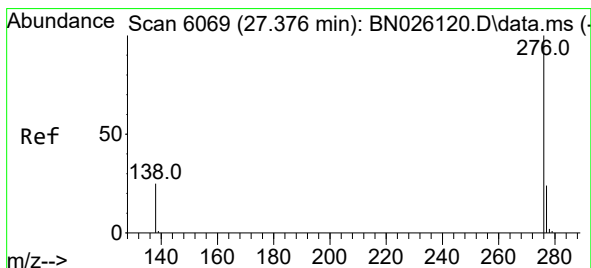
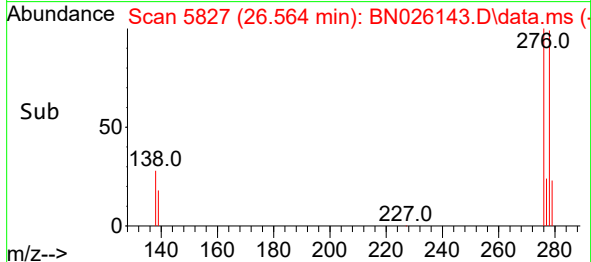
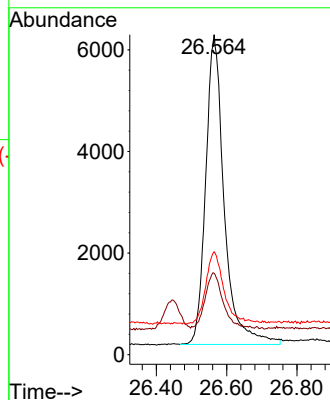
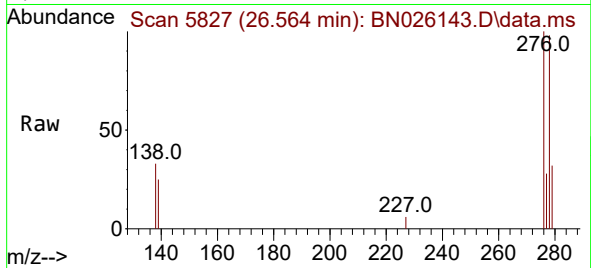




#28
Dibenzo(a,h)anthracene
Concen: 0.445 ng/ul
RT: 26.564 min Scan# 51
Delta R.T. -0.014 min
Lab File: BN026143.D
Acq: 30 Jun 2023 23:16

Instrument :
BNA_N
ClientSampleId :
SSTD0.4324

Tgt Ion:278 Resp: 22267
Ion Ratio Lower Upper
278 100
139 25.4 19.0 28.4
279 32.1 26.7 40.1



#29
Benzo(g,h,i)perylene
Concen: 0.418 ng/ul
RT: 27.339 min Scan# 6058
Delta R.T. -0.008 min
Lab File: BN026143.D
Acq: 30 Jun 2023 23:16

Tgt Ion:276 Resp: 24581
Ion Ratio Lower Upper
276 100
138 29.4 23.4 35.0
277 26.9 20.0 30.0

