

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026145.D
 Acq On : 01 Jul 2023 11:11
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4325

Quant Time: Jul 01 22:34:08 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

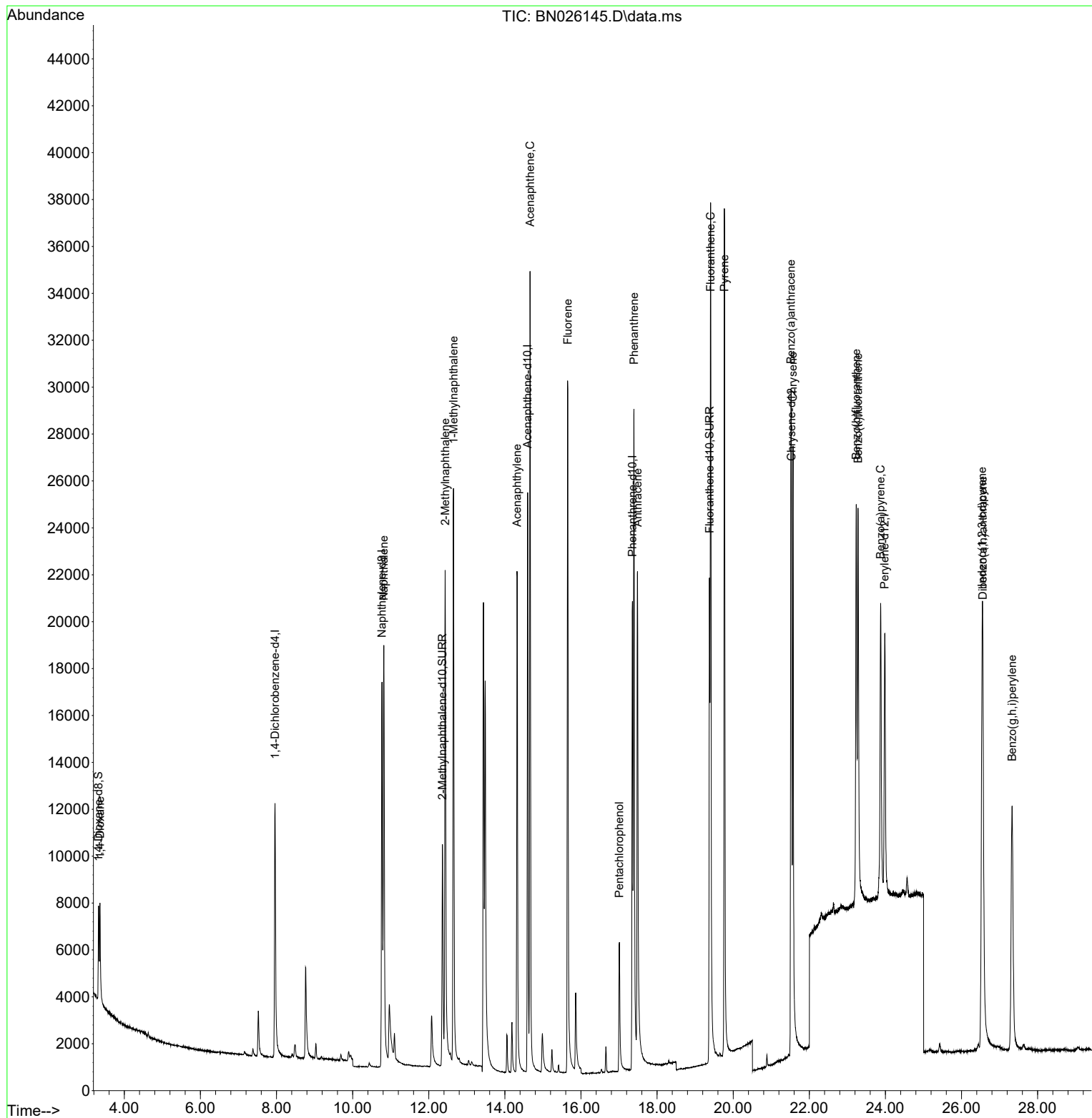
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.959	152	7800	0.400	ng/ul	0.00
4) Naphthalene-d8	10.770	136	26707	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.598	164	15147	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.351	188	28362	0.400	ng/ul	0.00
17) Chrysene-d12	21.532	240	16616	0.400	ng/ul	0.00
23) Perylene-d12	23.981	264	17127	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	3002	0.342	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.360	152	15300	0.372	ng/ul	0.00
18) Fluoranthene-d10	19.377	212	26156	0.414	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.360	88	2994	0.321	ng/ul	96
5) Naphthalene	10.820	128	28848	0.377	ng/ul	100
7) 2-Methylnaphthalene	12.431	142	17832	0.366	ng/ul	100
8) 1-Methylnaphthalene	12.651	142	19027	0.377	ng/ul	100
10) Acenaphthylene	14.320	152	28595	0.403	ng/ul	100
11) Acenaphthene	14.663	153	22144	0.382	ng/ul	99
12) Fluorene	15.653	166	23831	0.358	ng/ul	98
14) Pentachlorophenol	17.009	266	4803	0.472	ng/ul	99
15) Phenanthrene	17.393	178	34960	0.373	ng/ul	100
16) Anthracene	17.486	178	31049	0.373	ng/ul	99
19) Fluoranthene	19.405	202	36309	0.409	ng/ul	99
20) Pyrene	19.768	202	37239	0.403	ng/ul	99
21) Benzo(a)anthracene	21.517	228	25460	0.371	ng/ul	99
22) Chrysene	21.570	228	26389	0.370	ng/ul	99
24) Benzo(b)fluoranthene	23.233	252	26044	0.356	ng/ul	97
25) Benzo(k)fluoranthene	23.280	252	26390	0.360	ng/ul	100
26) Benzo(a)pyrene	23.873	252	23381	0.368	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.541	276	30096	0.434	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.561	278	23000	0.438	ng/ul	96
29) Benzo(g,h,i)perylene	27.329	276	26033	0.422	ng/ul	98

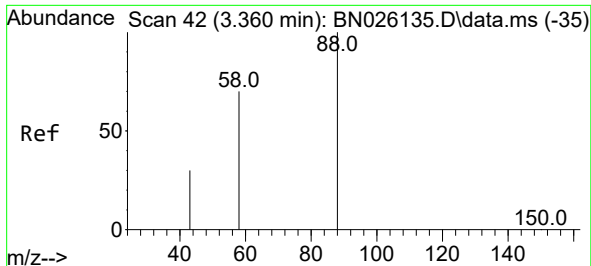
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
Data File : BN026145.D
Acq On : 01 Jul 2023 11:11
Operator : MA/JU
Sample : SSTDC00.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.4325

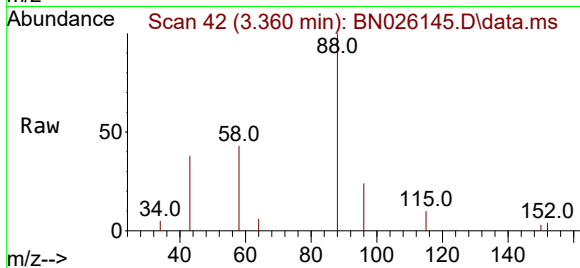
Quant Time: Jul 01 22:34:08 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 01 01:46:24 2023
Response via : Initial Calibration



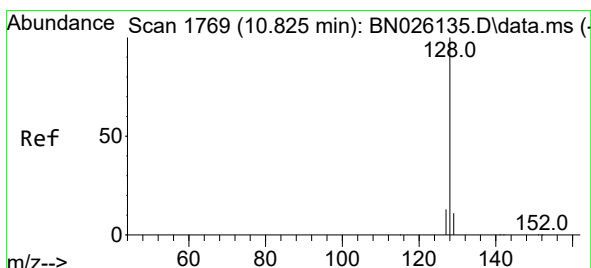
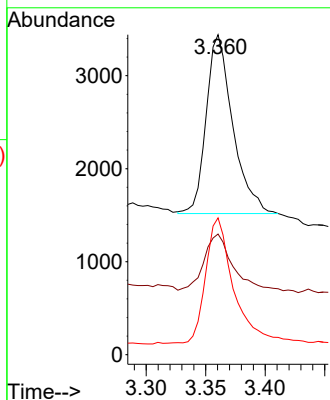
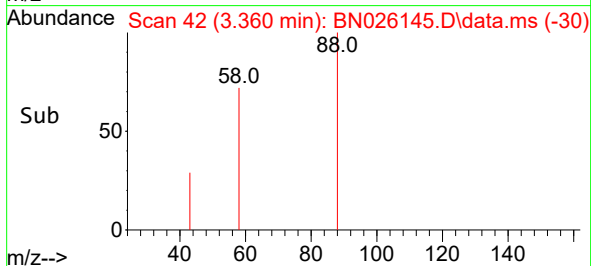


#2
1,4-Dioxane
Concen: 0.321 ng/ul
RT: 3.360 min Scan# 41
Delta R.T. 0.000 min
Lab File: BN026145.D
Acq: 01 Jul 2023 11:11

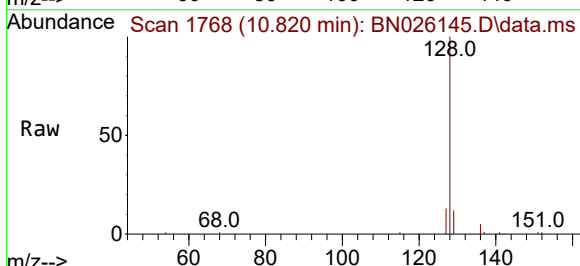
Instrument :
BNA_N
ClientSampleId :
SSTD0.4325



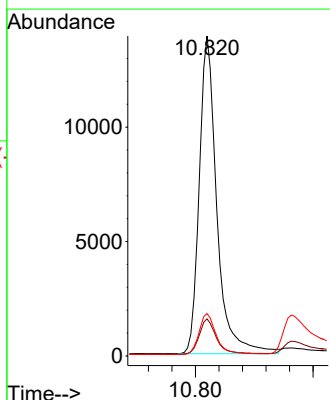
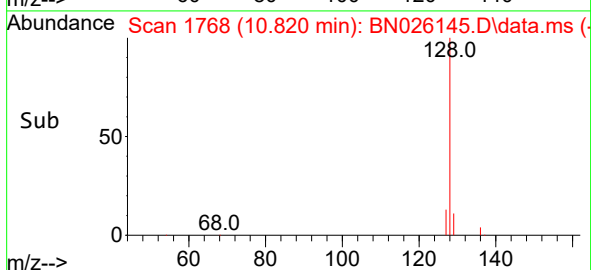
Tgt Ion: 88 Resp: 2994
Ion Ratio Lower Upper
88 100
43 37.7 29.5 44.3
58 42.7 37.4 56.2

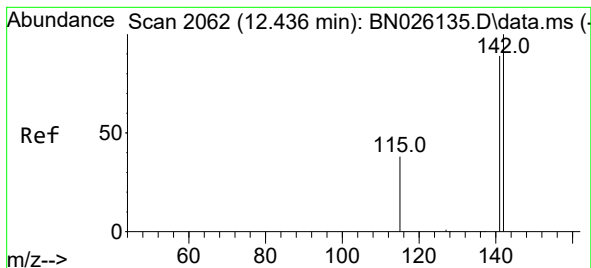


#5
Naphthalene
Concen: 0.377 ng/ul
RT: 10.820 min Scan# 1768
Delta R.T. -0.005 min
Lab File: BN026145.D
Acq: 01 Jul 2023 11:11



Tgt Ion: 128 Resp: 28848
Ion Ratio Lower Upper
128 100
129 11.6 9.1 13.7
127 13.3 10.7 16.1

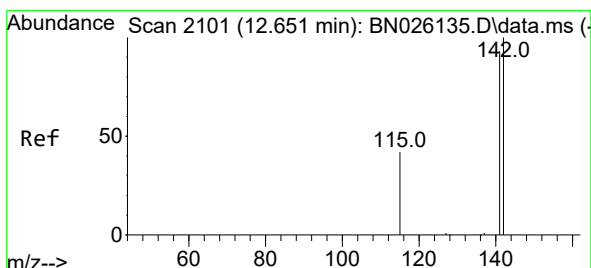
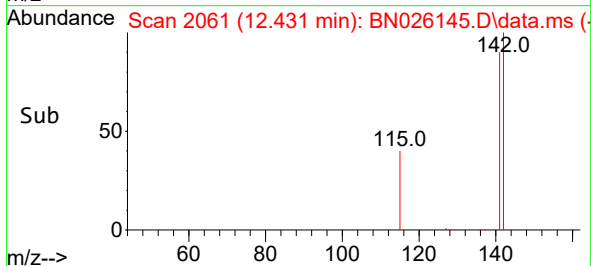
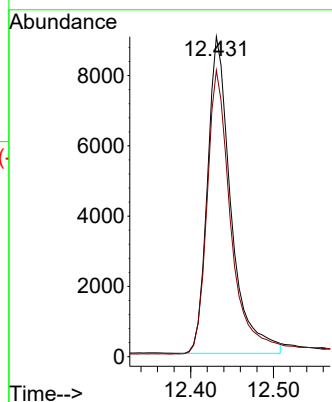
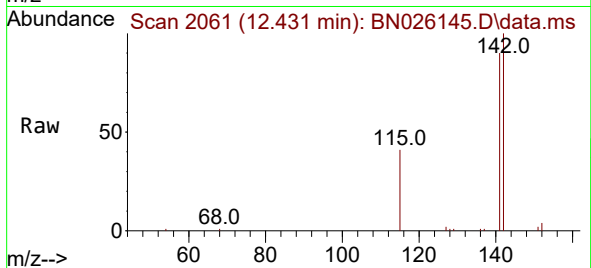




#7
2-Methylnaphthalene
Concen: 0.366 ng/ul
RT: 12.431 min Scan# 2061
Delta R.T. -0.005 min
Lab File: BN026145.D
Acq: 01 Jul 2023 11:11

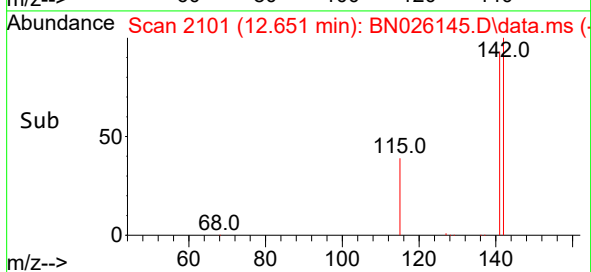
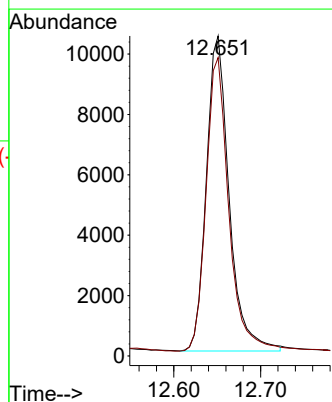
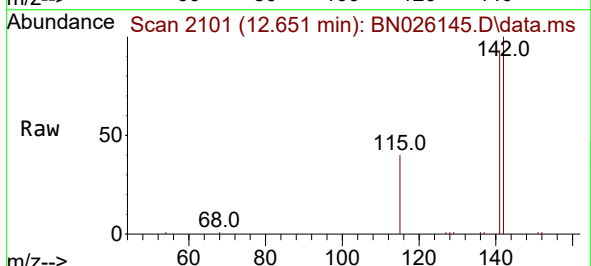
Instrument :
BNA_N
ClientSampleId :
SSTD0.4325

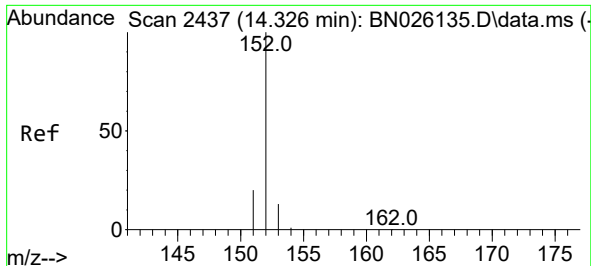
Tgt Ion:142 Resp: 17832
Ion Ratio Lower Upper
142 100
141 90.3 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.377 ng/ul
RT: 12.651 min Scan# 2101
Delta R.T. 0.000 min
Lab File: BN026145.D
Acq: 01 Jul 2023 11:11

Tgt Ion:142 Resp: 19027
Ion Ratio Lower Upper
142 100
141 92.6 74.2 111.4

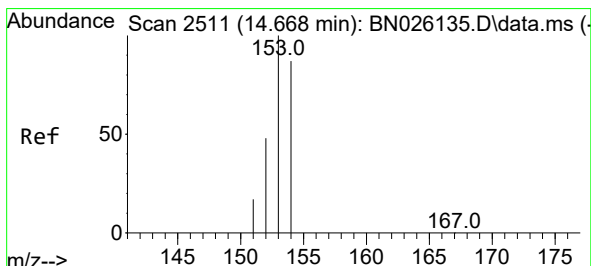
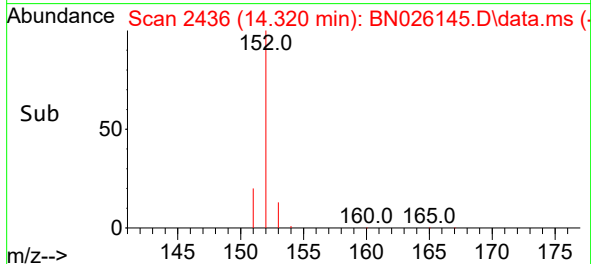
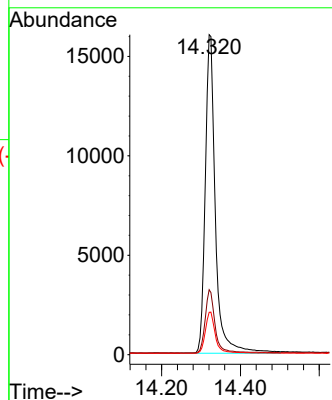
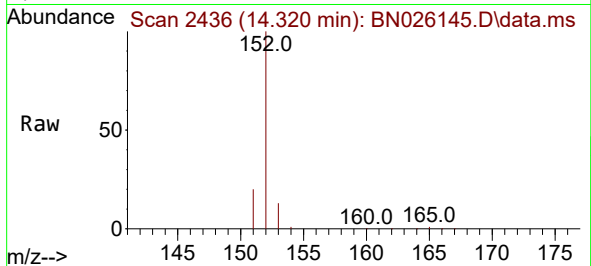




#10
Acenaphthylene
Concen: 0.403 ng/ul
RT: 14.320 min Scan# 2436
Delta R.T. -0.005 min
Lab File: BN026145.D
Acq: 01 Jul 2023 11:11

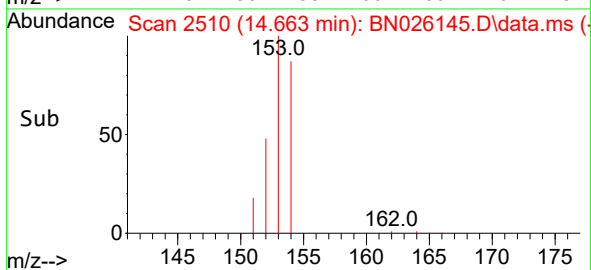
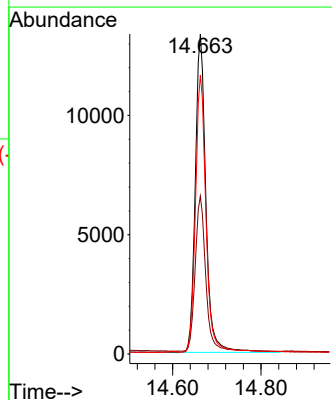
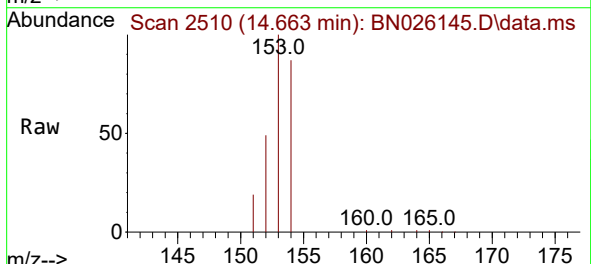
Instrument :
BNA_N
ClientSampleId :
SSTD0.4325

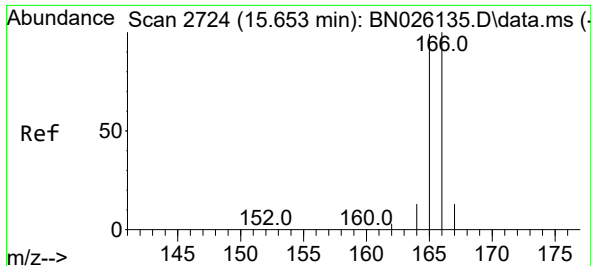
Tgt Ion:152 Resp: 28595
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4
153 13.2 10.9 16.3



#11
Acenaphthene
Concen: 0.382 ng/ul
RT: 14.663 min Scan# 2510
Delta R.T. -0.005 min
Lab File: BN026145.D
Acq: 01 Jul 2023 11:11

Tgt Ion:153 Resp: 22144
Ion Ratio Lower Upper
153 100
152 49.4 39.4 59.0
154 87.1 68.9 103.3

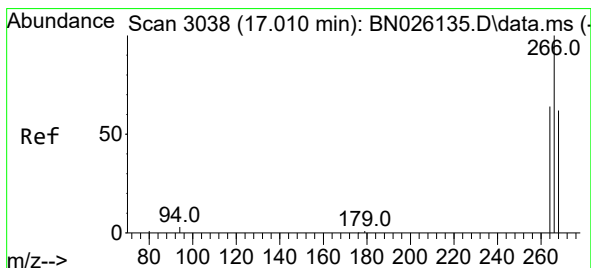
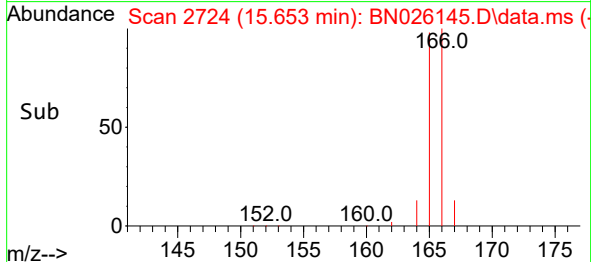
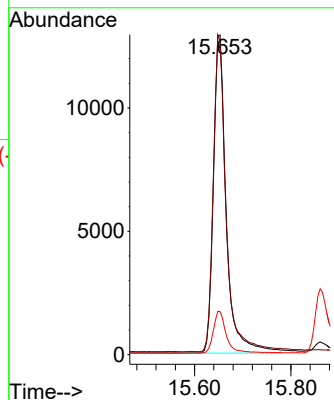
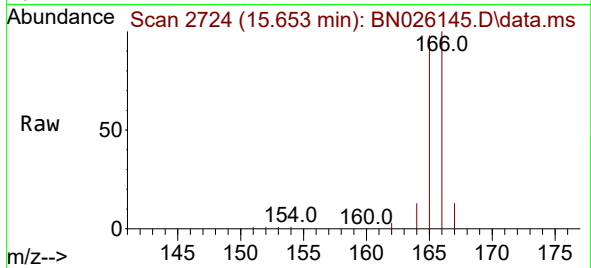




#12
Fluorene
Concen: 0.358 ng/ul
RT: 15.653 min Scan# 21
Delta R.T. -0.001 min
Lab File: BN026145.D
Acq: 01 Jul 2023 11:11

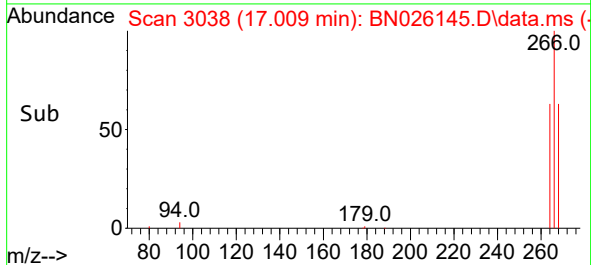
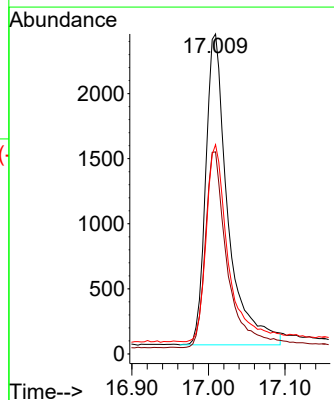
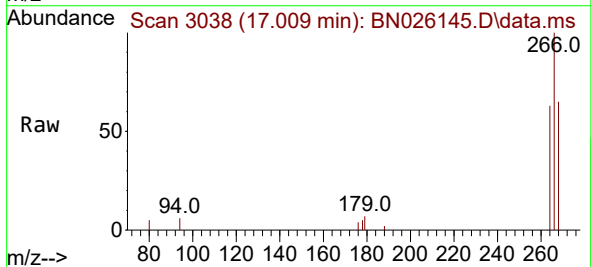
Instrument :
BNA_N
ClientSampleId :
SSTD0.4325

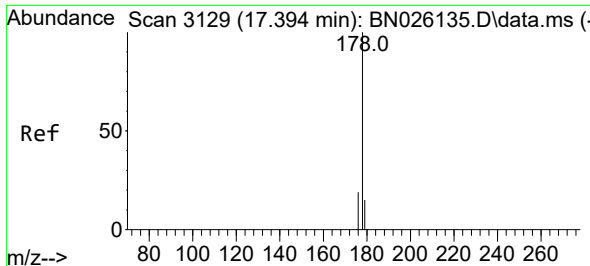
Tgt Ion:166 Resp: 23831
Ion Ratio Lower Upper
166 100
165 98.1 79.9 119.9
167 13.4 10.8 16.2



#14
Pentachlorophenol
Concen: 0.472 ng/ul
RT: 17.009 min Scan# 3038
Delta R.T. -0.001 min
Lab File: BN026145.D
Acq: 01 Jul 2023 11:11

Tgt Ion:266 Resp: 4803
Ion Ratio Lower Upper
266 100
264 62.6 50.5 75.7
268 63.3 51.6 77.4

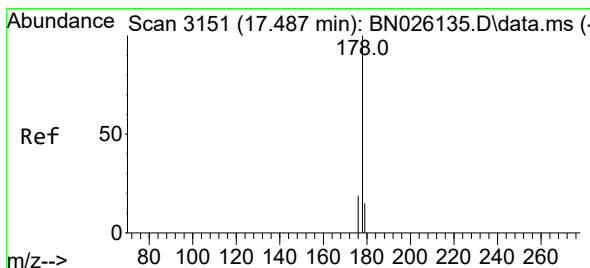
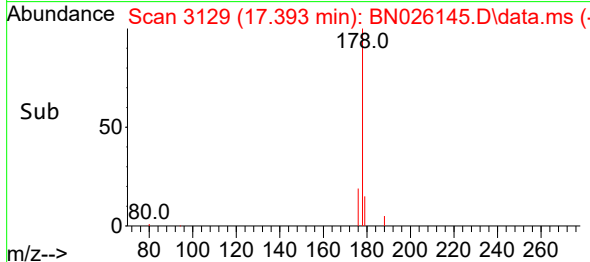
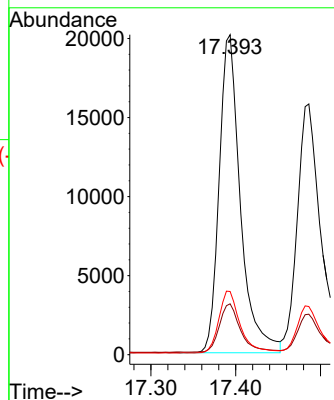
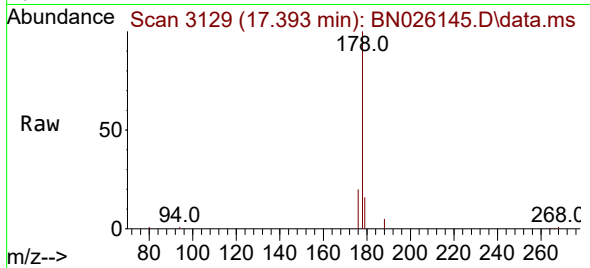




#15
Phenanthrene
Concen: 0.373 ng/ul
RT: 17.393 min Scan# 3129
Delta R.T. -0.001 min
Lab File: BN026145.D
Acq: 01 Jul 2023 11:11

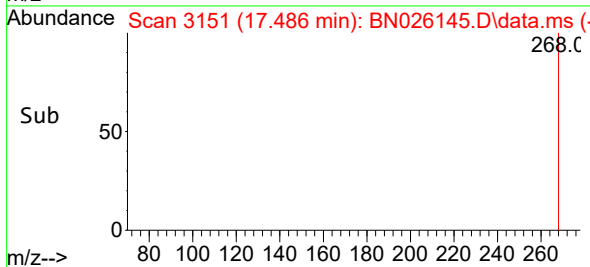
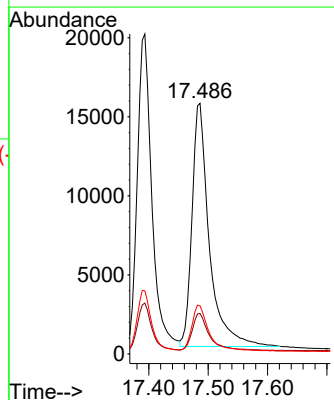
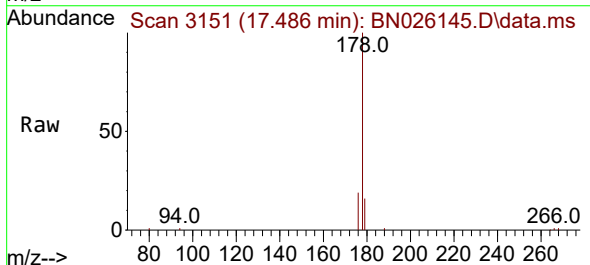
Instrument :
BNA_N
ClientSampleId :
SSTD0.4325

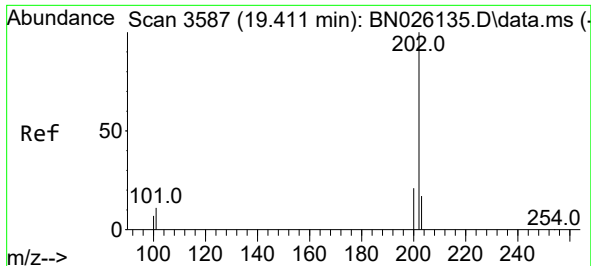
Tgt Ion:178 Resp: 34960
Ion Ratio Lower Upper
178 100
179 15.9 12.6 19.0
176 19.7 15.8 23.6



#16
Anthracene
Concen: 0.373 ng/ul
RT: 17.486 min Scan# 3151
Delta R.T. -0.001 min
Lab File: BN026145.D
Acq: 01 Jul 2023 11:11

Tgt Ion:178 Resp: 31049
Ion Ratio Lower Upper
178 100
179 16.2 12.6 18.8
176 19.2 15.1 22.7





#19

Fluoranthene

Concen: 0.409 ng/ul

RT: 19.405 min Scan# 3586

Delta R.T. -0.005 min

Lab File: BN026145.D

Acq: 01 Jul 2023 11:11

Instrument :

BNA_N

ClientSampleId :

SSTD0.4325

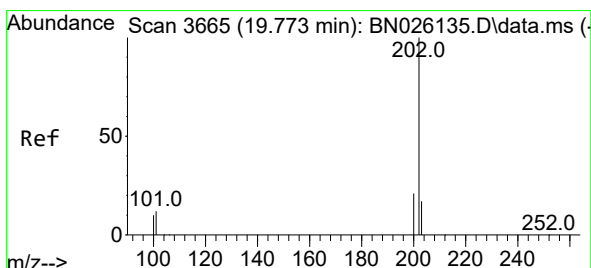
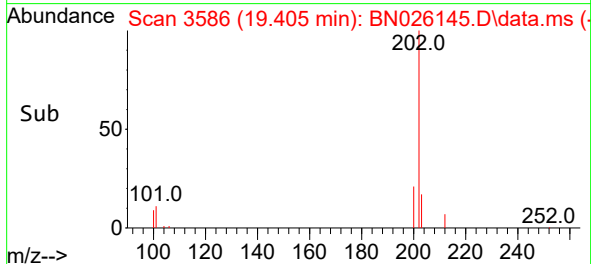
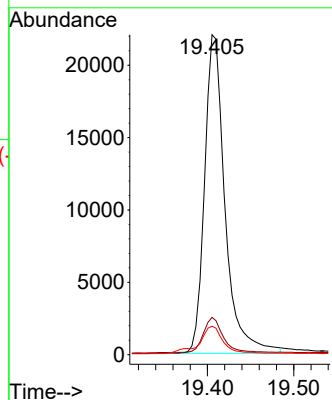
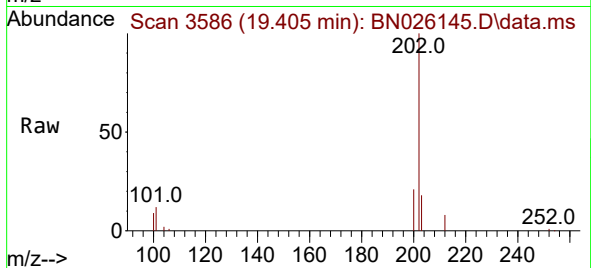
Tgt Ion:202 Resp: 36309

Ion Ratio Lower Upper

202 100

101 11.6 9.5 14.3

100 8.9 7.3 10.9



#20

Pyrene

Concen: 0.403 ng/ul

RT: 19.768 min Scan# 3664

Delta R.T. -0.005 min

Lab File: BN026145.D

Acq: 01 Jul 2023 11:11

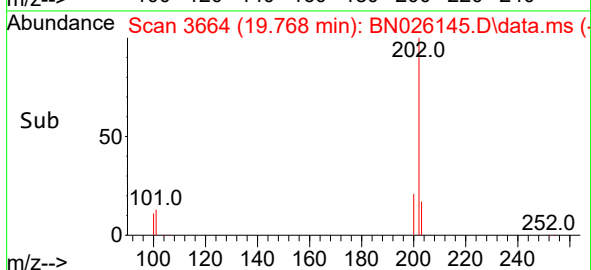
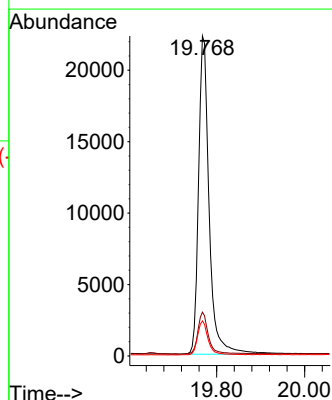
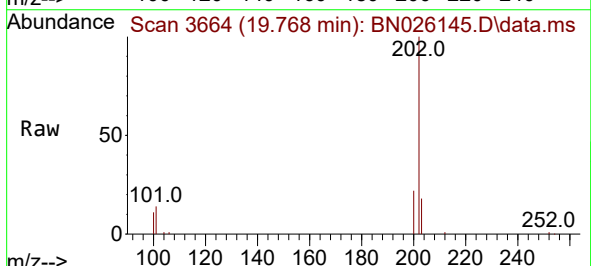
Tgt Ion:202 Resp: 37239

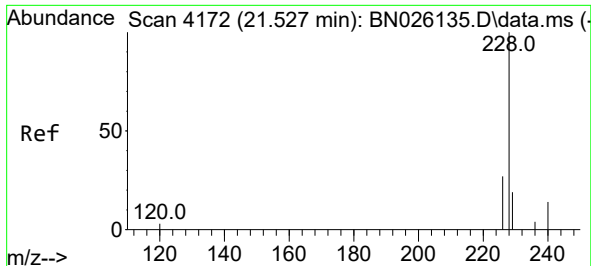
Ion Ratio Lower Upper

202 100

101 13.7 11.4 17.0

100 11.0 9.1 13.7

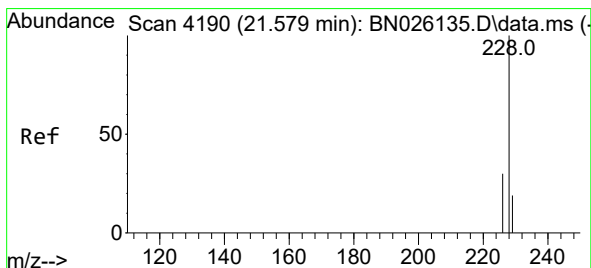
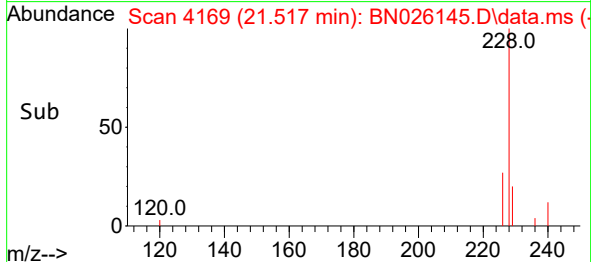
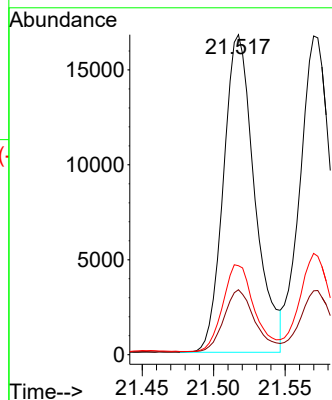
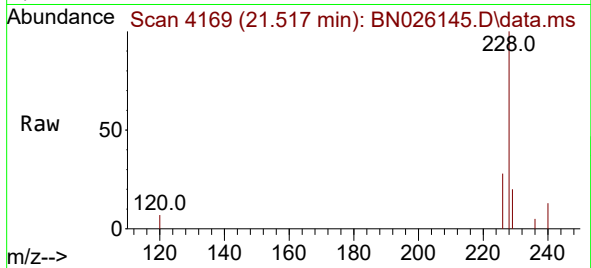




#21
Benzo(a)anthracene
Concen: 0.371 ng/ul
RT: 21.517 min Scan# 4172
Delta R.T. -0.009 min
Lab File: BN026145.D
Acq: 01 Jul 2023 11:11

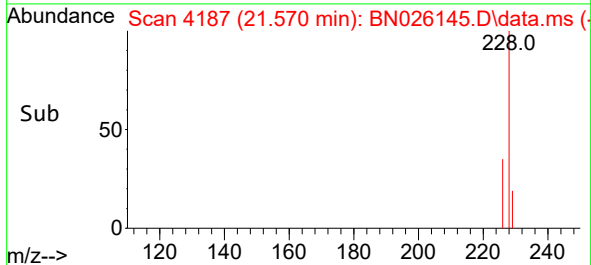
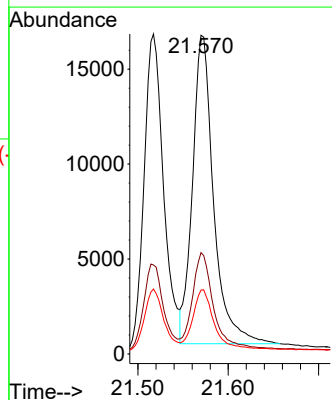
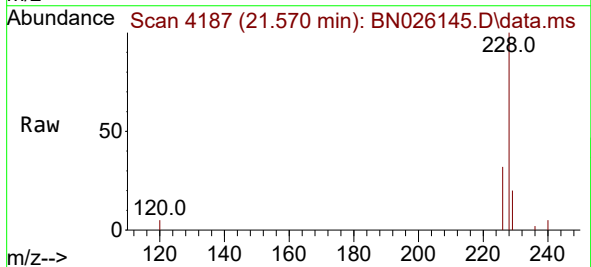
Instrument :
BNA_N
ClientSampleId :
SSTD0.4325

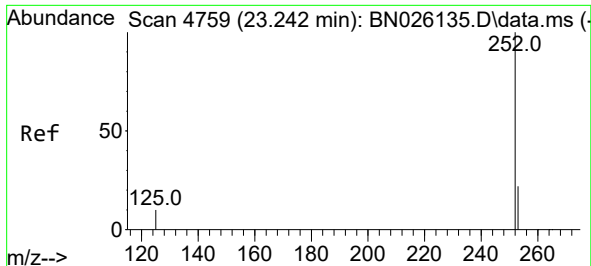
Tgt Ion:228 Resp: 25460
Ion Ratio Lower Upper
228 100
229 20.3 15.8 23.6
226 27.8 22.5 33.7



#22
Chrysene
Concen: 0.370 ng/ul
RT: 21.570 min Scan# 4187
Delta R.T. -0.009 min
Lab File: BN026145.D
Acq: 01 Jul 2023 11:11

Tgt Ion:228 Resp: 26389
Ion Ratio Lower Upper
228 100
226 31.8 24.8 37.2
229 20.1 15.7 23.5

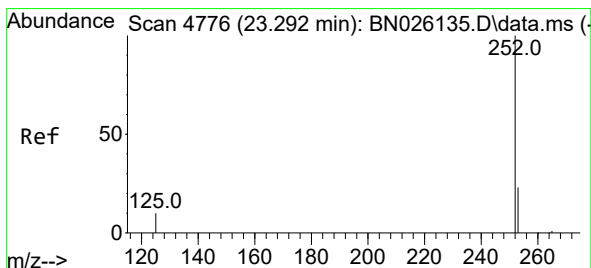
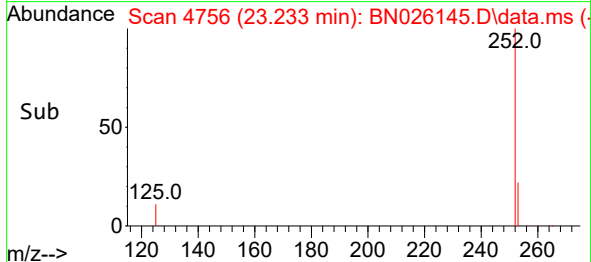
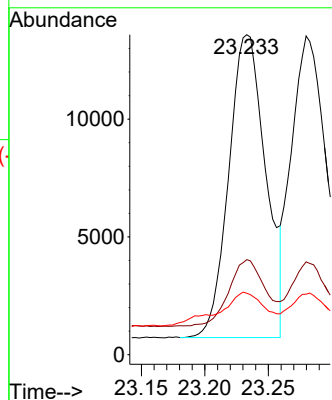
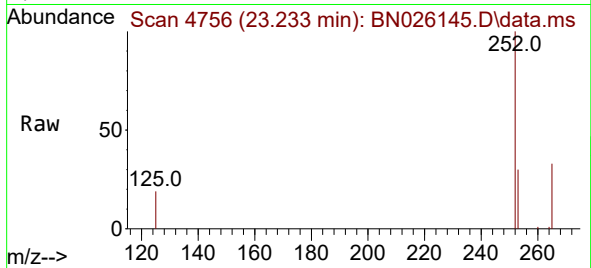




#24
Benzo(b)fluoranthene
Concen: 0.356 ng/ul
RT: 23.233 min Scan# 4756
Delta R.T. -0.009 min
Lab File: BN026145.D
Acq: 01 Jul 2023 11:11

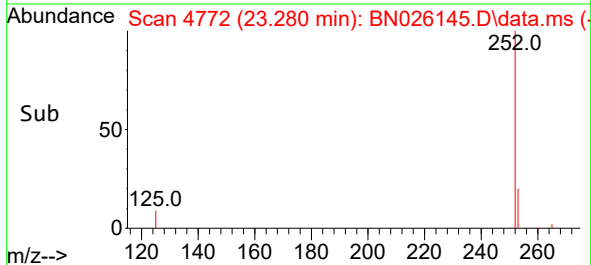
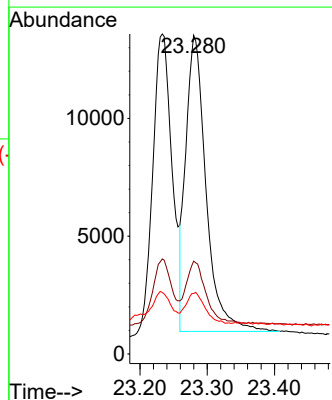
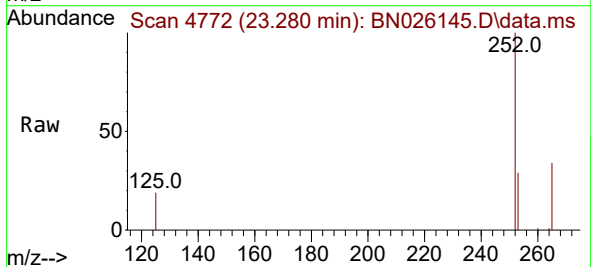
Instrument :
BNA_N
ClientSampleId :
SSTD0.4325

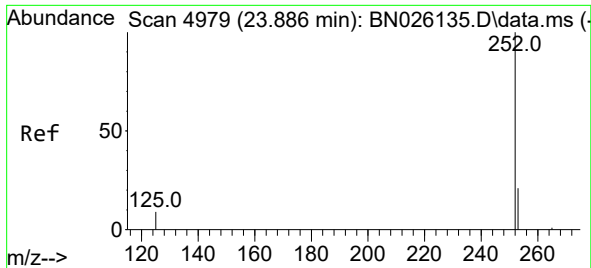
Tgt Ion:252 Resp: 26044
Ion Ratio Lower Upper
252 100
253 29.7 0.0 55.6
125 19.2 0.0 35.8



#25
Benzo(k)fluoranthene
Concen: 0.360 ng/ul
RT: 23.280 min Scan# 4772
Delta R.T. -0.012 min
Lab File: BN026145.D
Acq: 01 Jul 2023 11:11

Tgt Ion:252 Resp: 26390
Ion Ratio Lower Upper
252 100
253 29.1 23.2 34.8
125 19.0 15.0 22.4

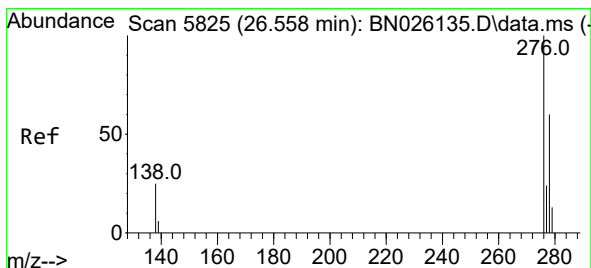
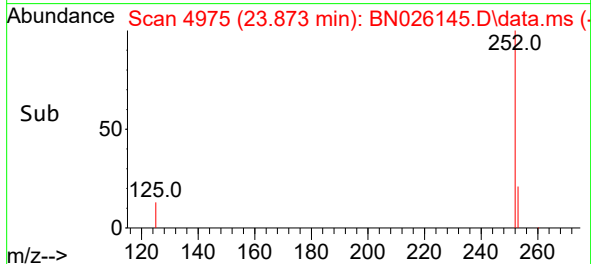
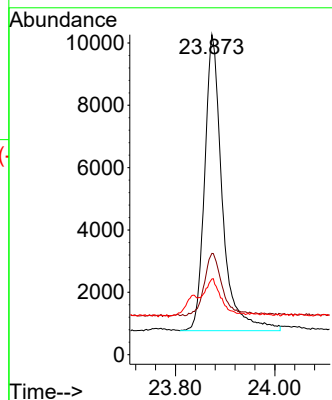
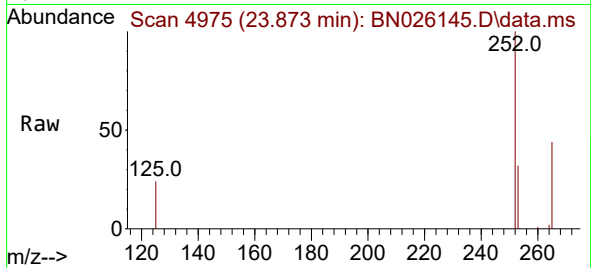




#26
Benzo(a)pyrene
Concen: 0.368 ng/ul
RT: 23.873 min Scan# 4975
Delta R.T. -0.012 min
Lab File: BN026145.D
Acq: 01 Jul 2023 11:11

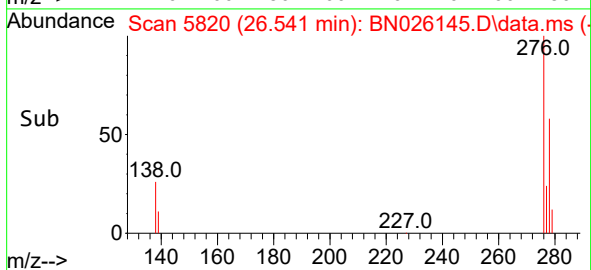
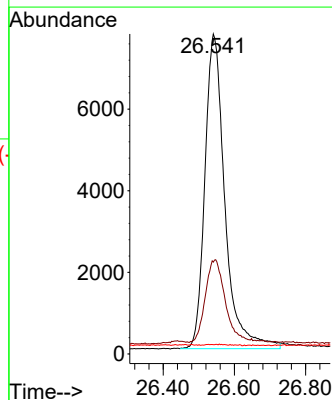
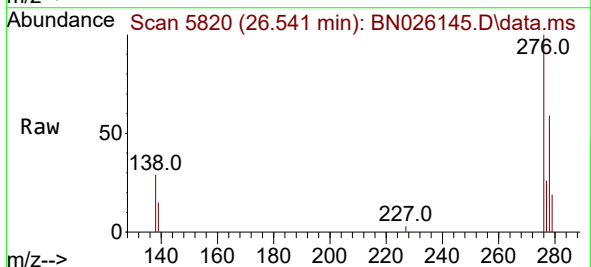
Instrument :
BNA_N
ClientSampleId :
SSTD0.4325

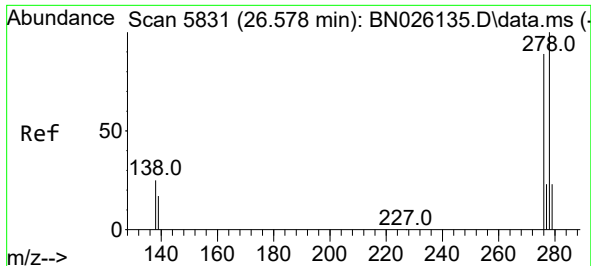
Tgt Ion:252	Resp:	23381
Ion Ratio	Lower	Upper
252	100	
253	31.6	26.0 39.0
125	23.7	17.3 25.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.434 ng/ul
RT: 26.541 min Scan# 5820
Delta R.T. -0.017 min
Lab File: BN026145.D
Acq: 01 Jul 2023 11:11

Tgt Ion:276	Resp:	30096
Ion Ratio	Lower	Upper
276	100	
138	26.6	24.5 36.7
227	0.0	0.0 0.0

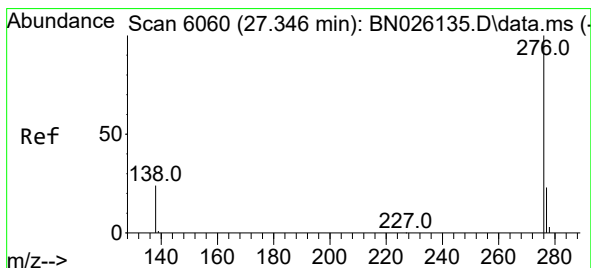
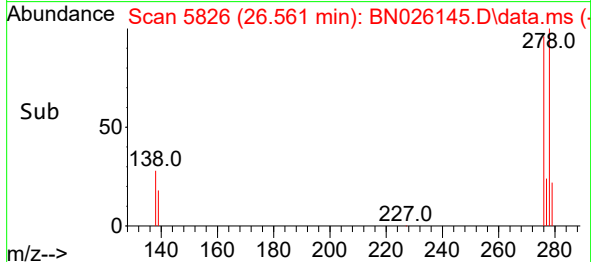
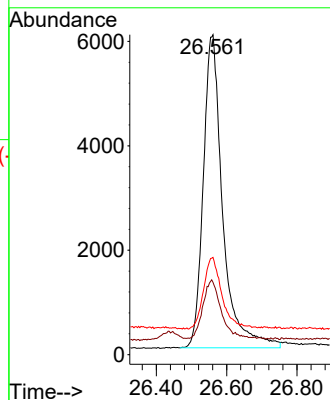
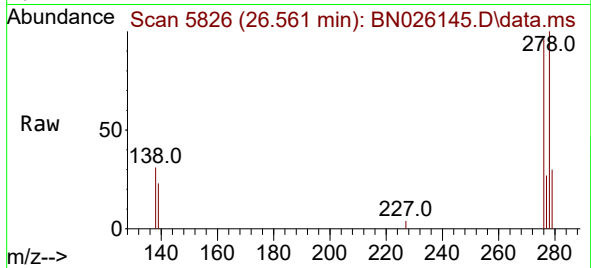




#28
Dibenzo(a,h)anthracene
Concen: 0.438 ng/ul
RT: 26.561 min Scan# 51
Delta R.T. -0.017 min
Lab File: BN026145.D
Acq: 01 Jul 2023 11:11

Instrument :
BNA_N
ClientSampleId :
SSTD0.4325

Tgt Ion:278 Resp: 23000
Ion Ratio Lower Upper
278 100
139 22.6 19.0 28.4
279 30.4 26.7 40.1



#29
Benzo(g,h,i)perylene
Concen: 0.422 ng/ul
RT: 27.329 min Scan# 6055
Delta R.T. -0.017 min
Lab File: BN026145.D
Acq: 01 Jul 2023 11:11

Tgt Ion:276 Resp: 26033
Ion Ratio Lower Upper
276 100
138 28.0 23.4 35.0
277 26.1 20.0 30.0

