

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081523\
 Data File : BN026892.D
 Acq On : 14 Aug 2023 11:28
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4385

Quant Time: Aug 16 00:52:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN080323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 16 00:50:05 2023
 Response via : Initial Calibration

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

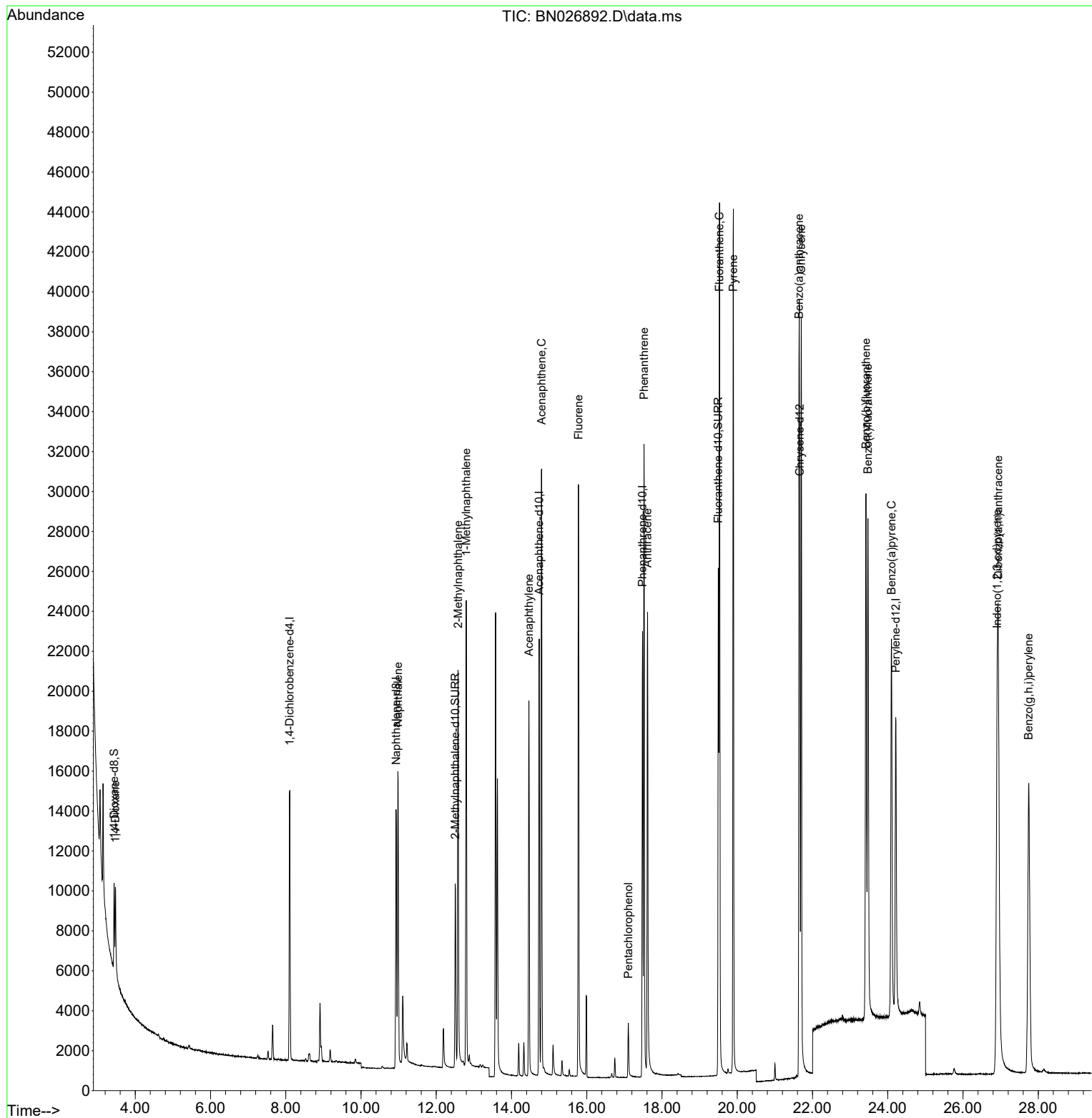
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.105	152	7217	0.400	ng/ul	0.00
4) Naphthalene-d8	10.933	136	19680	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.735	164	12268	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.481	188	27077	0.400	ng/ul	0.00
17) Chrysene-d12	21.662	240	22863	0.400	ng/ul	0.00
23) Perylene-d12	24.214	264	23536	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.439	96	3229	0.377	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.506	152	12890	0.445	ng/ul	0.00
18) Fluoranthene-d10	19.497	212	29241	0.405	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.473	88	4005	0.458	ng/ul#	61
5) Naphthalene	10.982	128	21490	0.386	ng/ul	100
7) 2-Methylnaphthalene	12.583	142	15111	0.449	ng/ul	99
8) 1-Methylnaphthalene	12.797	142	16149	0.458	ng/ul	99
10) Acenaphthylene	14.462	152	22289	0.324	ng/ul	99
11) Acenaphthene	14.800	153	18170	0.382	ng/ul	99
12) Fluorene	15.781	166	20445	0.380	ng/ul	99
14) Pentachlorophenol	17.105	266	1989	0.260	ng/ul	100
15) Phenanthrene	17.523	178	34101	0.383	ng/ul	100
16) Anthracene	17.616	178	27952	0.348	ng/ul	100
19) Fluoranthene	19.529	202	38532	0.406	ng/ul	99
20) Pyrene	19.896	202	39307	0.388	ng/ul	97
21) Benzo(a)anthracene	21.641	228	32927	0.362	ng/ul	99
22) Chrysene	21.700	228	36041	0.402	ng/ul	99
24) Benzo(b)fluoranthene	23.421	252	38874	0.437	ng/ul	99
25) Benzo(k)fluoranthene	23.474	252	38304	0.436	ng/ul	99
26) Benzo(a)pyrene	24.100	252	33967	0.423	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.908	276	44227	0.421	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.938	278	34376	0.410	ng/ul	99
29) Benzo(g,h,i)perylene	27.746	276	37174	0.425	ng/ul	99

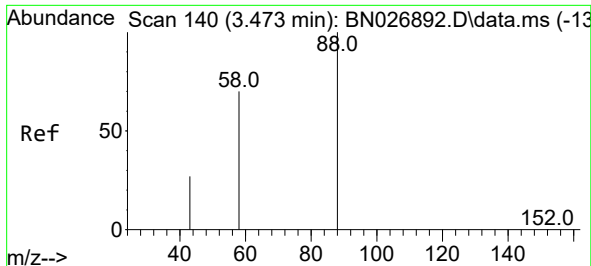
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081523\
Data File : BN026892.D
Acq On : 14 Aug 2023 11:28
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.4385

Quant Time: Aug 16 00:52:46 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN080323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 16 00:50:05 2023
Response via : Initial Calibration

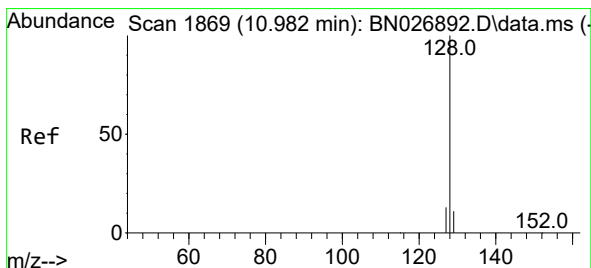
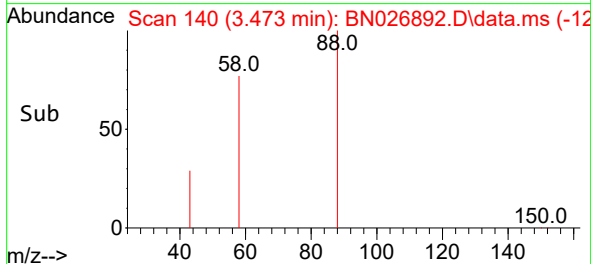
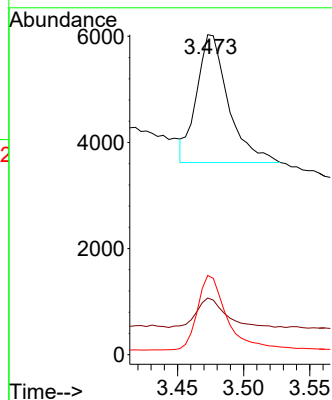
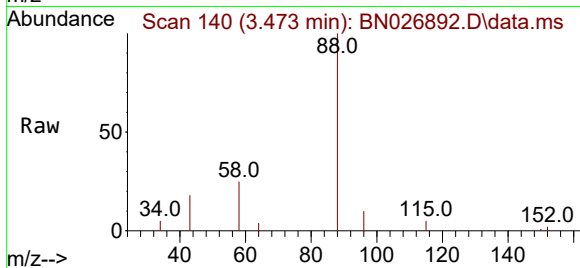




#2
1,4-Dioxane
Concen: 0.458 ng/ul
RT: 3.473 min Scan# 140
Delta R.T. 0.000 min
Lab File: BN026892.D
Acq: 14 Aug 2023 11:28

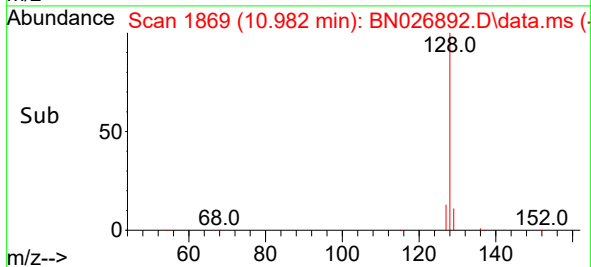
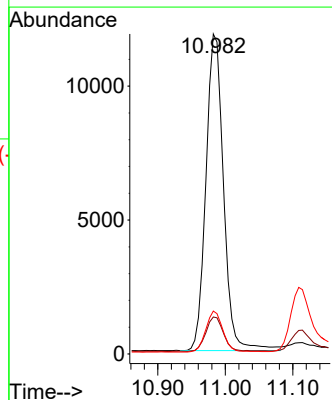
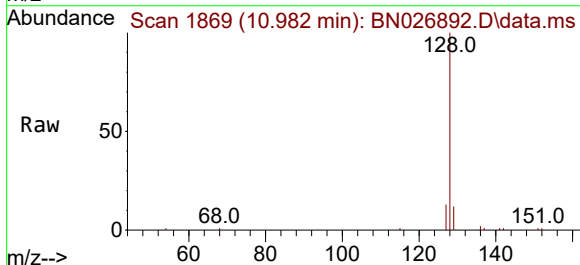
Instrument :
BNA_N
ClientSampleId :
SSTD0.4385

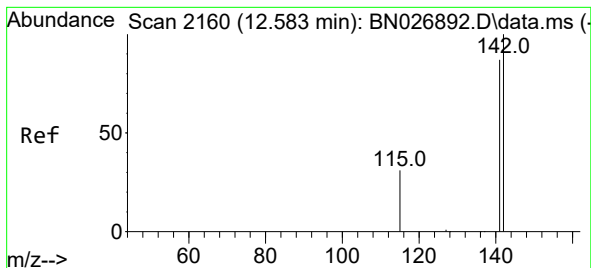
Tgt Ion: 88 Resp: 4005
Ion Ratio Lower Upper
88 100
43 17.7 28.0 42.0#
58 24.8 46.0 69.0#



#5
Naphthalene
Concen: 0.386 ng/ul
RT: 10.982 min Scan# 1869
Delta R.T. 0.000 min
Lab File: BN026892.D
Acq: 14 Aug 2023 11:28

Tgt Ion: 128 Resp: 21490
Ion Ratio Lower Upper
128 100
129 11.5 9.2 13.8
127 13.4 10.5 15.7





#7

2-Methylnaphthalene

Concen: 0.449 ng/ul

RT: 12.583 min Scan# 2160

Delta R.T. 0.000 min

Lab File: BN026892.D

Acq: 14 Aug 2023 11:28

Instrument :

BNA_N

ClientSampleId :

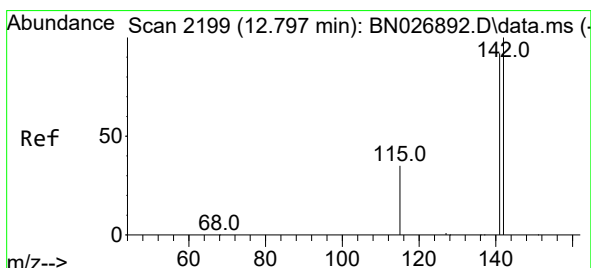
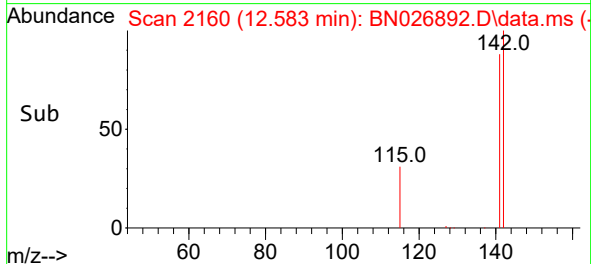
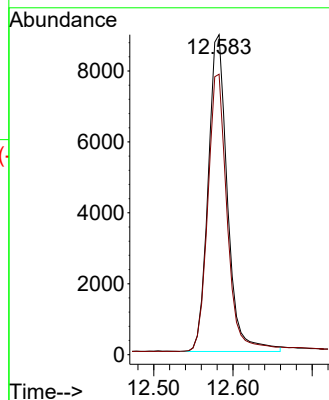
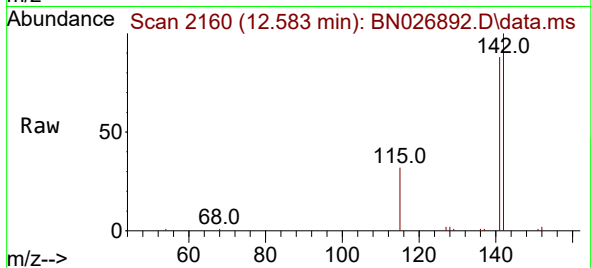
SSTD0.4385

Tgt Ion:142 Resp: 15111

Ion Ratio Lower Upper

142 100

141 87.8 70.9 106.3



#8

1-Methylnaphthalene

Concen: 0.458 ng/ul

RT: 12.797 min Scan# 2199

Delta R.T. 0.000 min

Lab File: BN026892.D

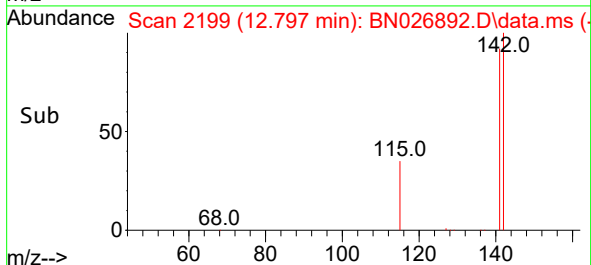
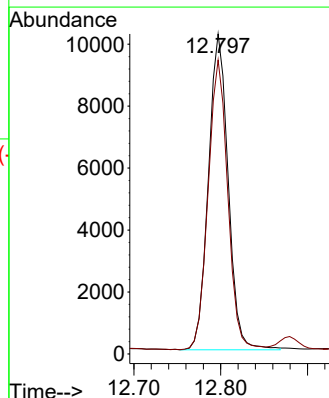
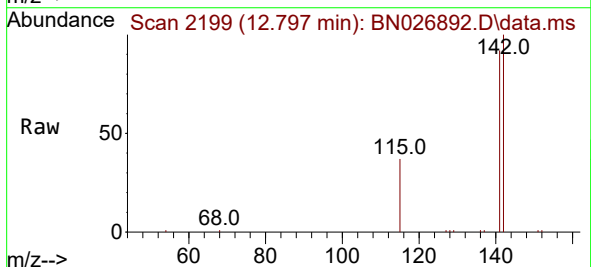
Acq: 14 Aug 2023 11:28

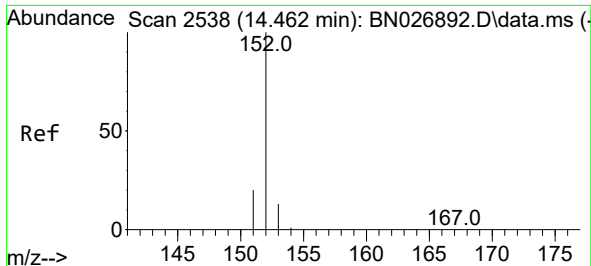
Tgt Ion:142 Resp: 16149

Ion Ratio Lower Upper

142 100

141 91.0 73.2 109.8

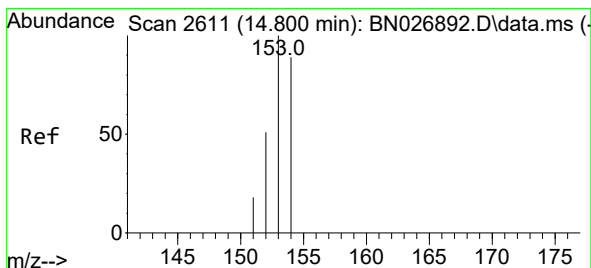
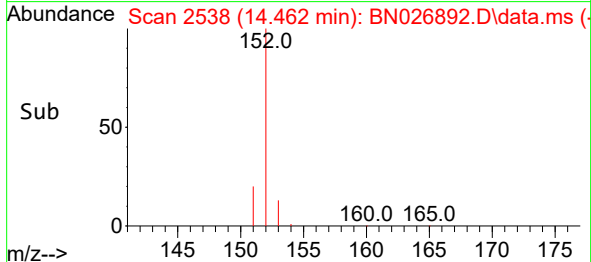
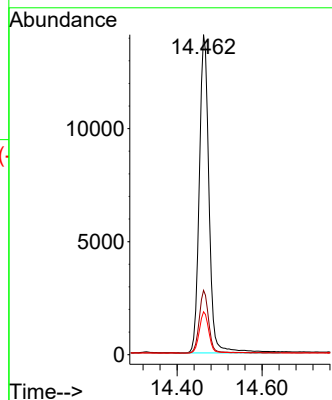
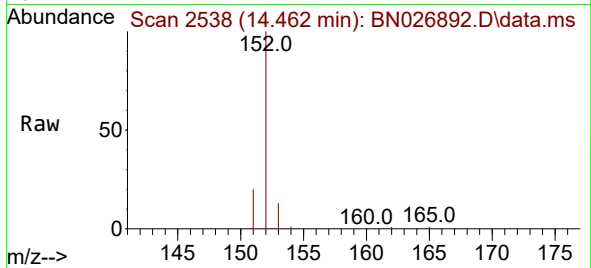




#10
Acenaphthylene
Concen: 0.324 ng/ul
RT: 14.462 min Scan# 2538
Delta R.T. 0.000 min
Lab File: BN026892.D
Acq: 14 Aug 2023 11:28

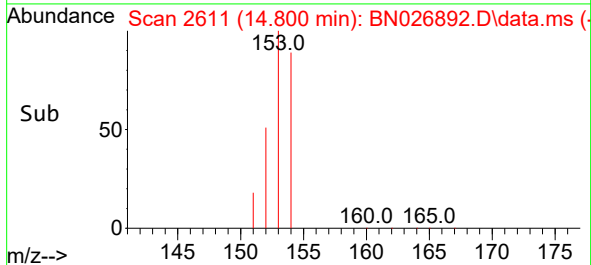
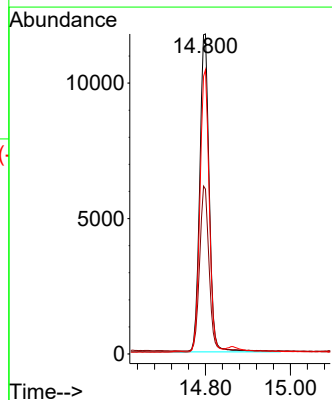
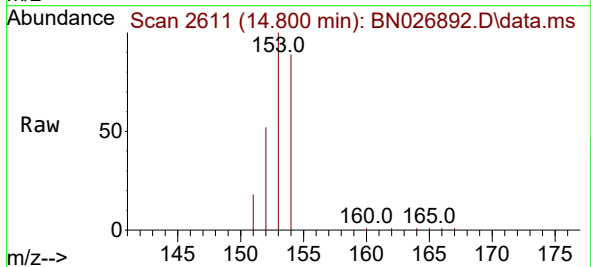
Instrument :
BNA_N
ClientSampleId :
SSTD0.4385

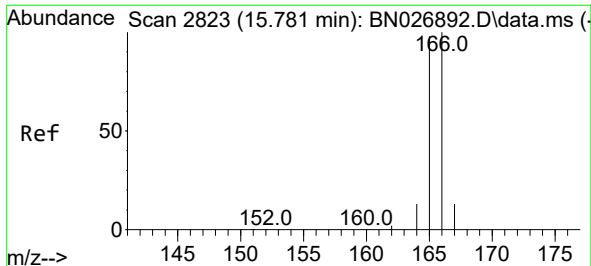
Tgt Ion:152 Resp: 22289
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 13.4 11.0 16.6



#11
Acenaphthene
Concen: 0.382 ng/ul
RT: 14.800 min Scan# 2611
Delta R.T. 0.000 min
Lab File: BN026892.D
Acq: 14 Aug 2023 11:28

Tgt Ion:153 Resp: 18170
Ion Ratio Lower Upper
153 100
152 51.5 41.1 61.7
154 88.8 71.6 107.4

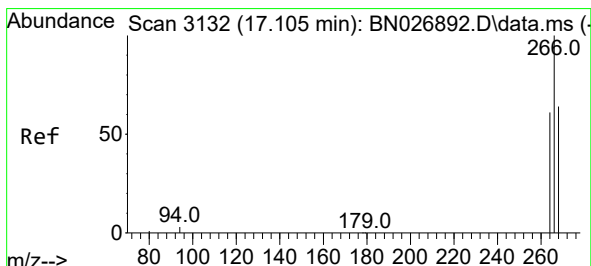
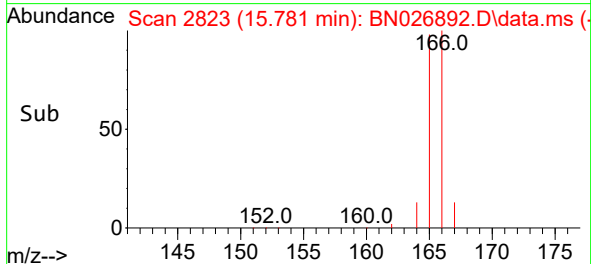
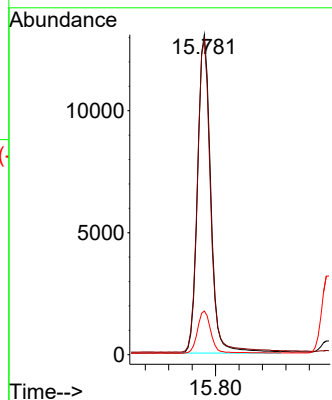
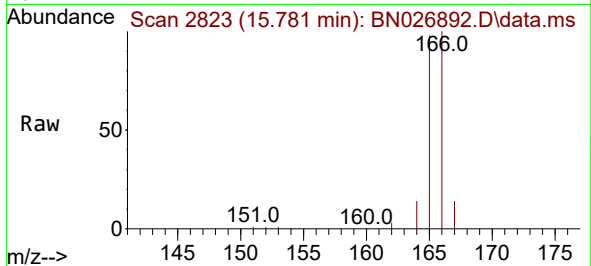




#12
Fluorene
Concen: 0.380 ng/ul
RT: 15.781 min Scan# 2823
Delta R.T. 0.000 min
Lab File: BN026892.D
Acq: 14 Aug 2023 11:28

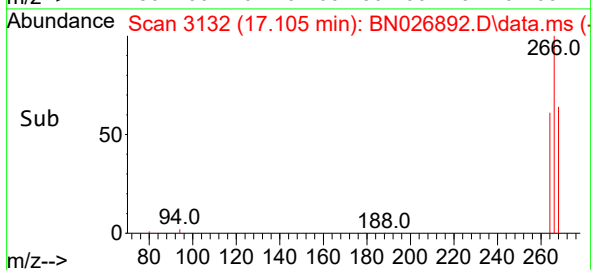
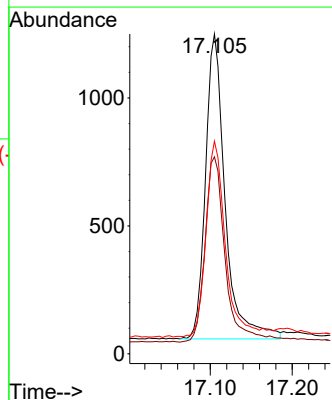
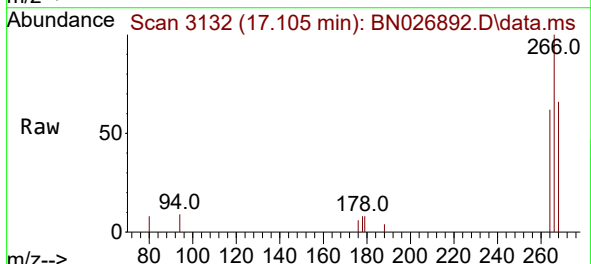
Instrument :
BNA_N
ClientSampleId :
SSTD0.4385

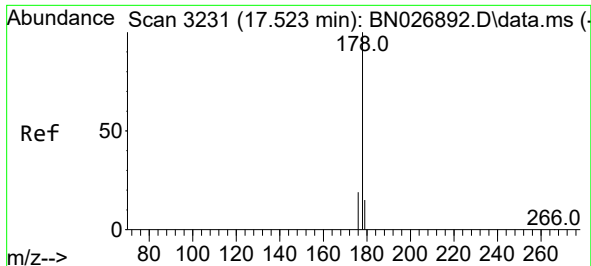
Tgt Ion:166 Resp: 20445
Ion Ratio Lower Upper
166 100
165 98.4 79.1 118.7
167 13.6 11.4 17.0



#14
Pentachlorophenol
Concen: 0.260 ng/ul
RT: 17.105 min Scan# 3132
Delta R.T. 0.000 min
Lab File: BN026892.D
Acq: 14 Aug 2023 11:28

Tgt Ion:266 Resp: 1989
Ion Ratio Lower Upper
266 100
264 62.8 50.4 75.6
268 63.5 51.2 76.8

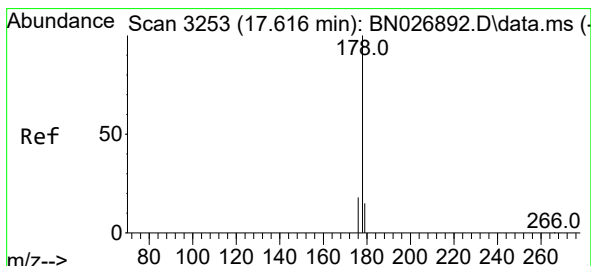
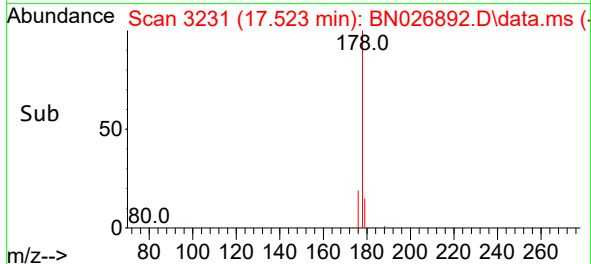
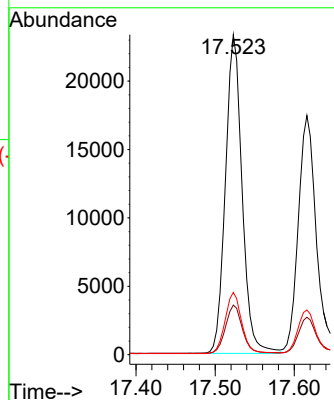
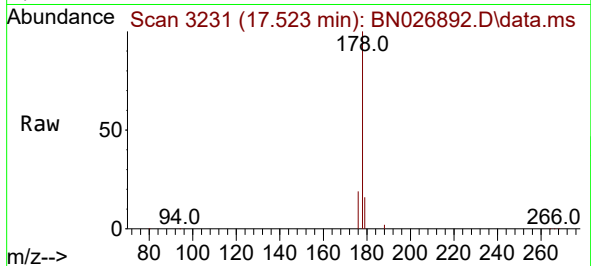




#15
Phenanthrene
Concen: 0.383 ng/ul
RT: 17.523 min Scan# 3231
Delta R.T. 0.000 min
Lab File: BN026892.D
Acq: 14 Aug 2023 11:28

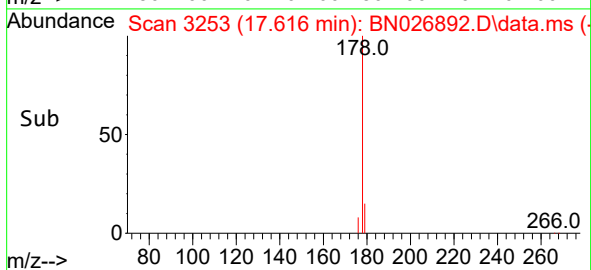
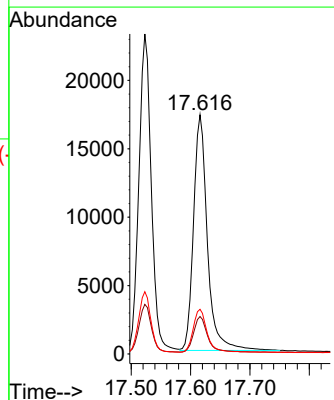
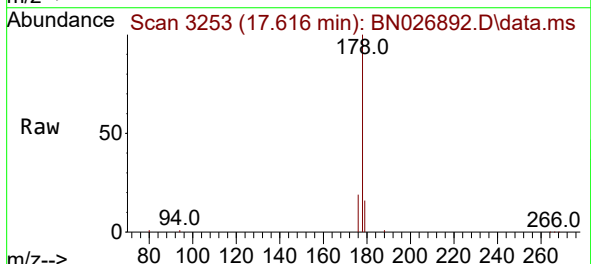
Instrument :
BNA_N
ClientSampleId :
SSTD0.4385

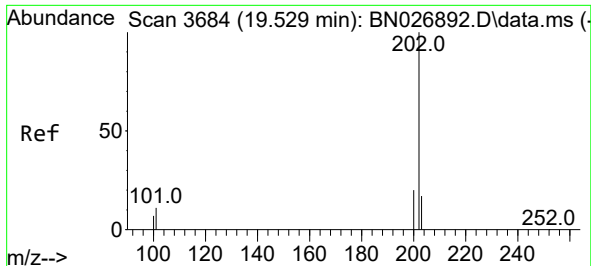
Tgt Ion:178 Resp: 34101
Ion Ratio Lower Upper
178 100
179 15.5 12.6 18.8
176 19.5 15.4 23.2



#16
Anthracene
Concen: 0.348 ng/ul
RT: 17.616 min Scan# 3253
Delta R.T. 0.000 min
Lab File: BN026892.D
Acq: 14 Aug 2023 11:28

Tgt Ion:178 Resp: 27952
Ion Ratio Lower Upper
178 100
179 15.7 12.6 19.0
176 18.7 15.0 22.6

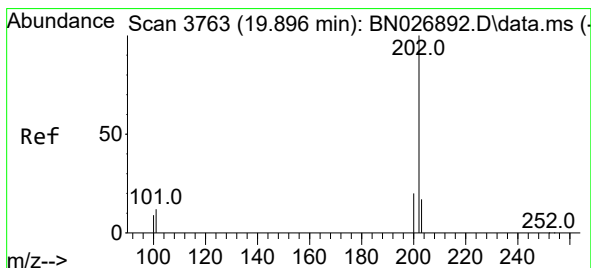
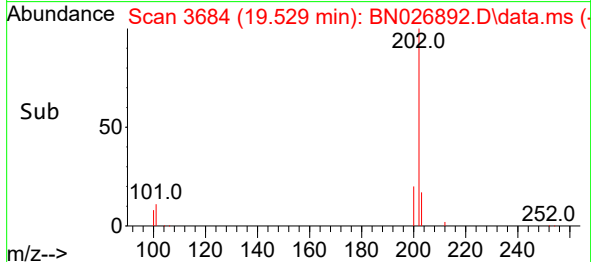
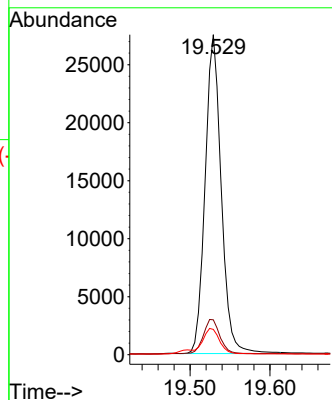
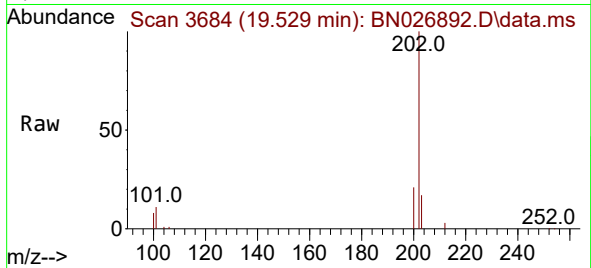




#19
Fluoranthene
Concen: 0.406 ng/u1
RT: 19.529 min Scan# 3684
Delta R.T. 0.000 min
Lab File: BN026892.D
Acq: 14 Aug 2023 11:28

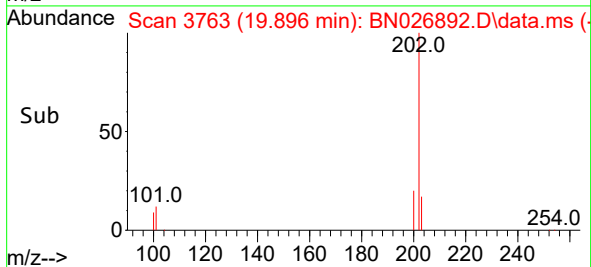
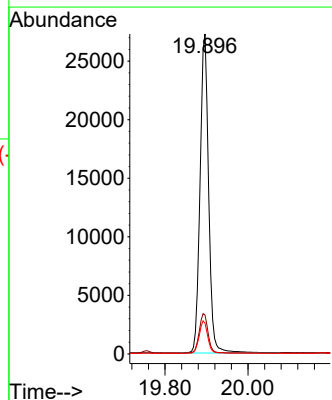
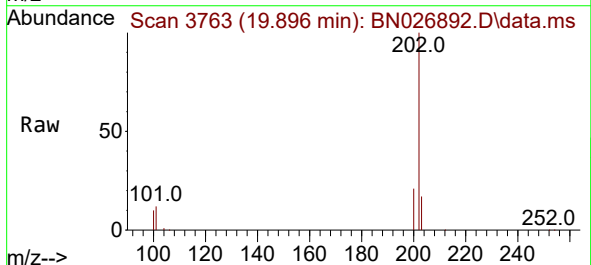
Instrument :
BNA_N
ClientSampleId :
SSTD0.4385

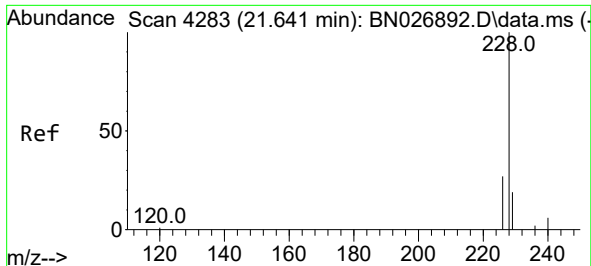
Tgt Ion:202 Resp: 38532
Ion Ratio Lower Upper
202 100
101 10.9 8.3 12.5
100 7.9 6.2 9.2



#20
Pyrene
Concen: 0.388 ng/u1
RT: 19.896 min Scan# 3763
Delta R.T. 0.000 min
Lab File: BN026892.D
Acq: 14 Aug 2023 11:28

Tgt Ion:202 Resp: 39307
Ion Ratio Lower Upper
202 100
101 12.2 10.7 16.1
100 9.7 8.5 12.7

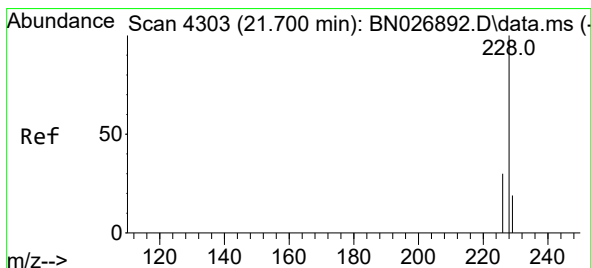
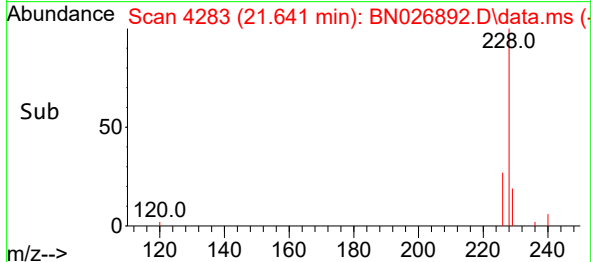
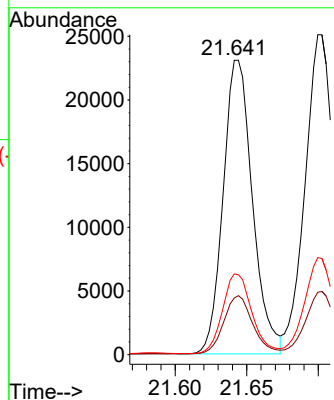
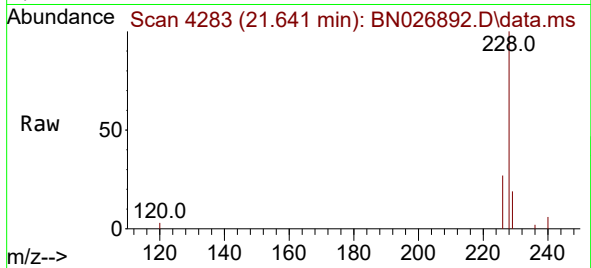




#21
Benzo(a)anthracene
Concen: 0.362 ng/ul
RT: 21.641 min Scan# 4283
Delta R.T. 0.000 min
Lab File: BN026892.D
Acq: 14 Aug 2023 11:28

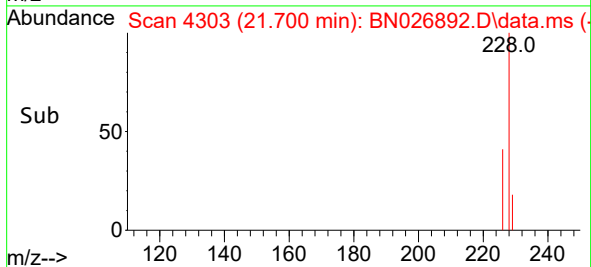
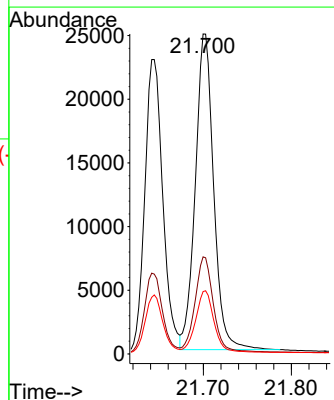
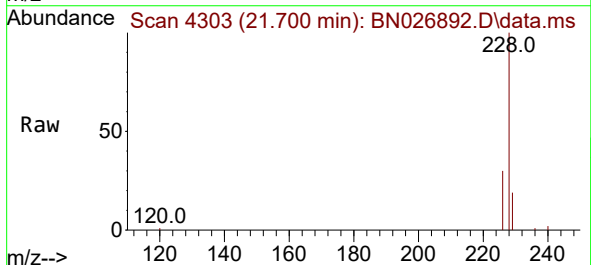
Instrument :
BNA_N
ClientSampleId :
SSTD0.4385

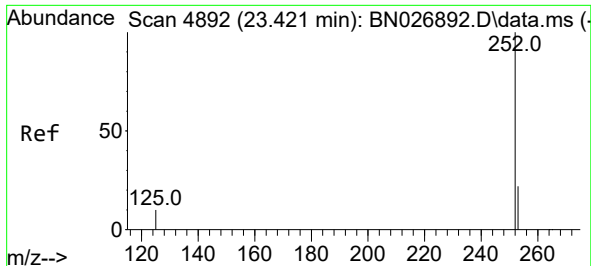
Tgt Ion:228 Resp: 32927
Ion Ratio Lower Upper
228 100
229 19.3 16.0 24.0
226 27.5 22.2 33.2



#22
Chrysene
Concen: 0.402 ng/ul
RT: 21.700 min Scan# 4303
Delta R.T. 0.000 min
Lab File: BN026892.D
Acq: 14 Aug 2023 11:28

Tgt Ion:228 Resp: 36041
Ion Ratio Lower Upper
228 100
226 30.3 24.6 36.8
229 19.5 15.8 23.6

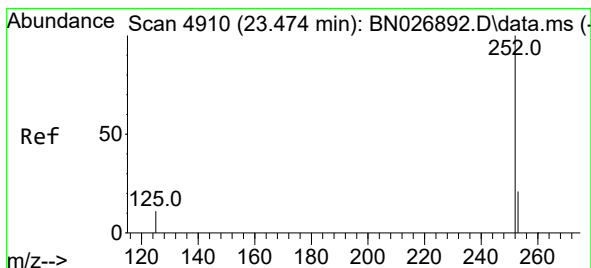
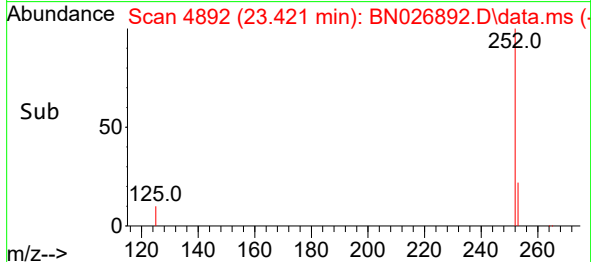
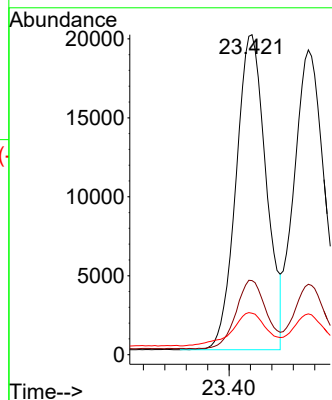
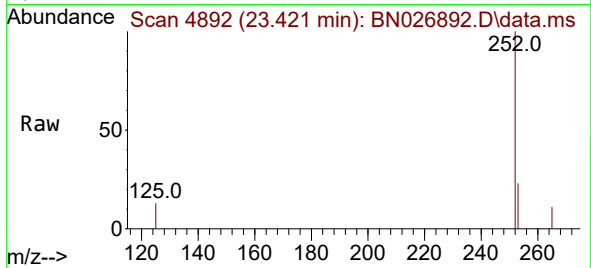




#24
Benzo(b)fluoranthene
Concen: 0.437 ng/ul
RT: 23.421 min Scan# 4892
Delta R.T. 0.000 min
Lab File: BN026892.D
Acq: 14 Aug 2023 11:28

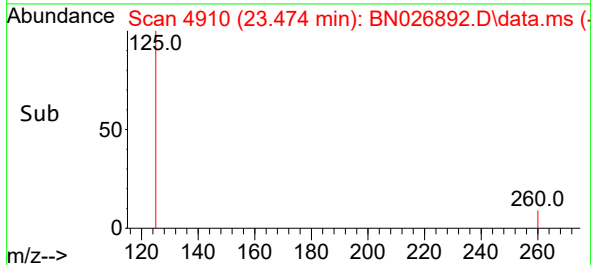
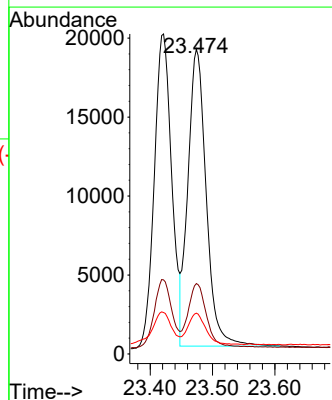
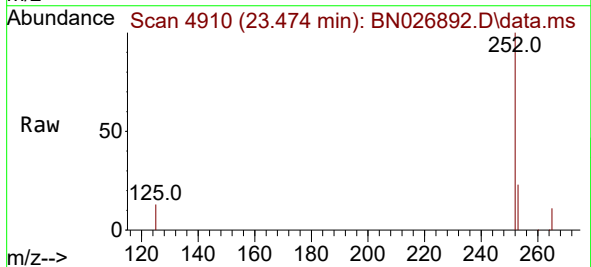
Instrument :
BNA_N
ClientSampleId :
SSTD0.4385

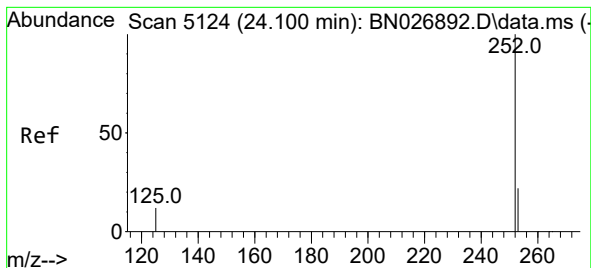
Tgt Ion:252 Resp: 38874
Ion Ratio Lower Upper
252 100
253 23.2 0.0 46.8
125 13.0 0.0 25.2



#25
Benzo(k)fluoranthene
Concen: 0.436 ng/ul
RT: 23.474 min Scan# 4910
Delta R.T. 0.000 min
Lab File: BN026892.D
Acq: 14 Aug 2023 11:28

Tgt Ion:252 Resp: 38304
Ion Ratio Lower Upper
252 100
253 23.1 18.2 27.4
125 13.4 9.9 14.9





#26

Benzo(a)pyrene

Concen: 0.423 ng/ul

RT: 24.100 min Scan# 5124

Delta R.T. 0.000 min

Lab File: BN026892.D

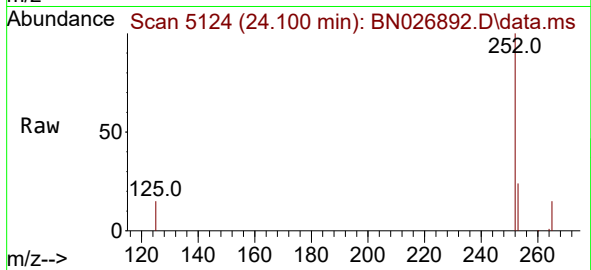
Acq: 14 Aug 2023 11:28

Instrument :

BNA_N

ClientSampleId :

SSTD0.4385



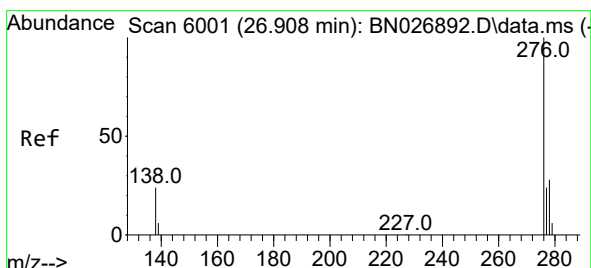
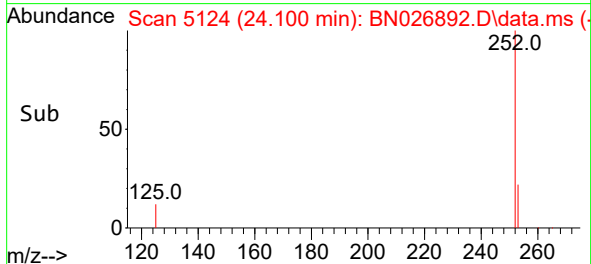
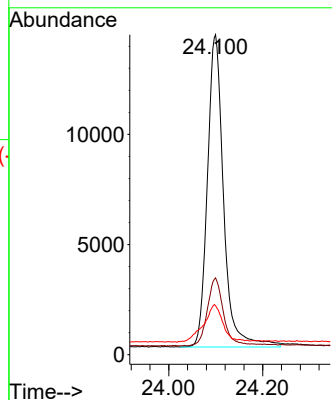
Tgt Ion:252 Resp: 33967

Ion Ratio Lower Upper

252 100

253 24.0 19.0 28.6

125 15.4 11.4 17.0



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.421 ng/ul

RT: 26.908 min Scan# 6001

Delta R.T. 0.000 min

Lab File: BN026892.D

Acq: 14 Aug 2023 11:28

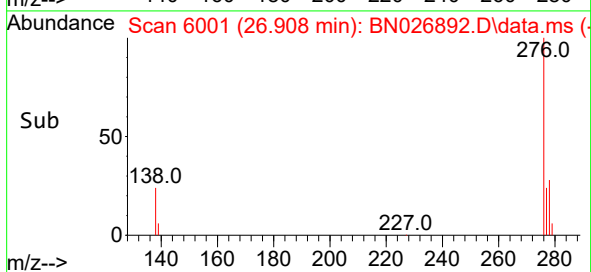
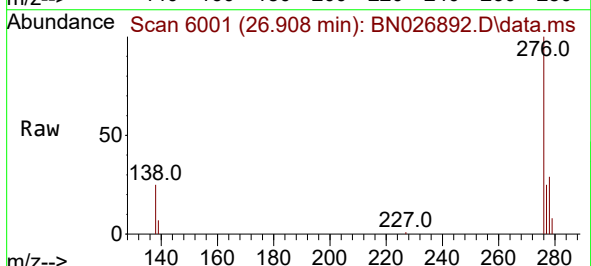
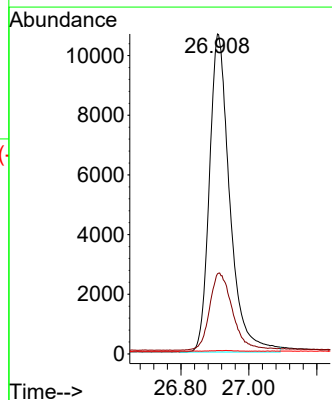
Tgt Ion:276 Resp: 44227

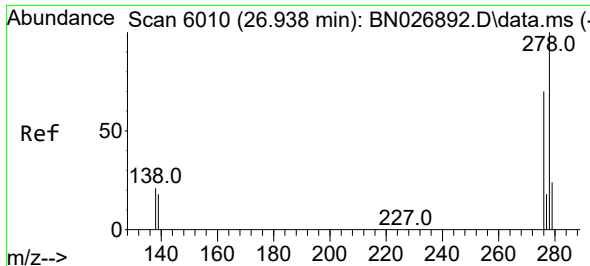
Ion Ratio Lower Upper

276 100

138 27.5 21.6 32.4

227 0.1 0.0 0.0#

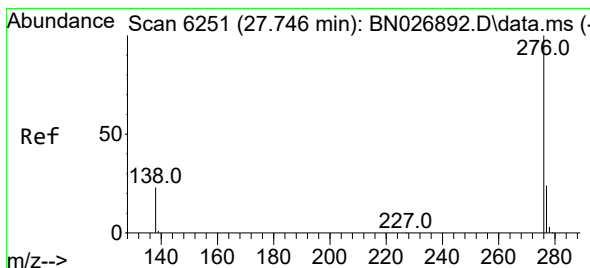
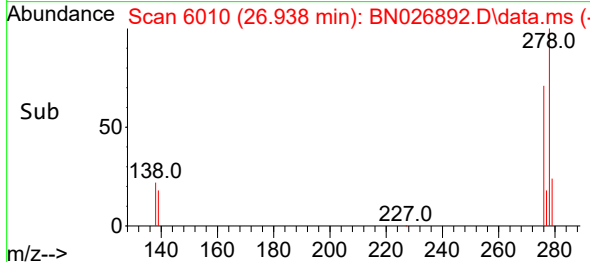
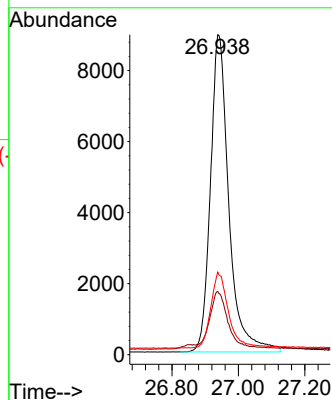
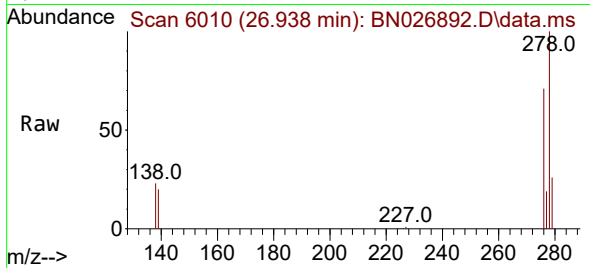




#28
Dibenzo(a,h)anthracene
Concen: 0.410 ng/ul
RT: 26.938 min Scan# 6010
Delta R.T. 0.000 min
Lab File: BN026892.D
Acq: 14 Aug 2023 11:28

Instrument :
BNA_N
ClientSampleId :
SSTD0.4385

Tgt Ion:278 Resp: 34376
Ion Ratio Lower Upper
278 100
139 19.7 15.7 23.5
279 25.8 20.2 30.4



#29
Benzo(g,h,i)perylene
Concen: 0.425 ng/ul
RT: 27.746 min Scan# 6251
Delta R.T. 0.000 min
Lab File: BN026892.D
Acq: 14 Aug 2023 11:28

Tgt Ion:276 Resp: 37174
Ion Ratio Lower Upper
276 100
138 24.6 19.3 28.9
277 24.6 19.8 29.8

