

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032684.D
 Acq On : 12 Jul 2024 22:12
 Operator : MA/JU
 Sample : P3035-11DL 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 13 00:04:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 01:40:24 2024
 Response via : Initial Calibration

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

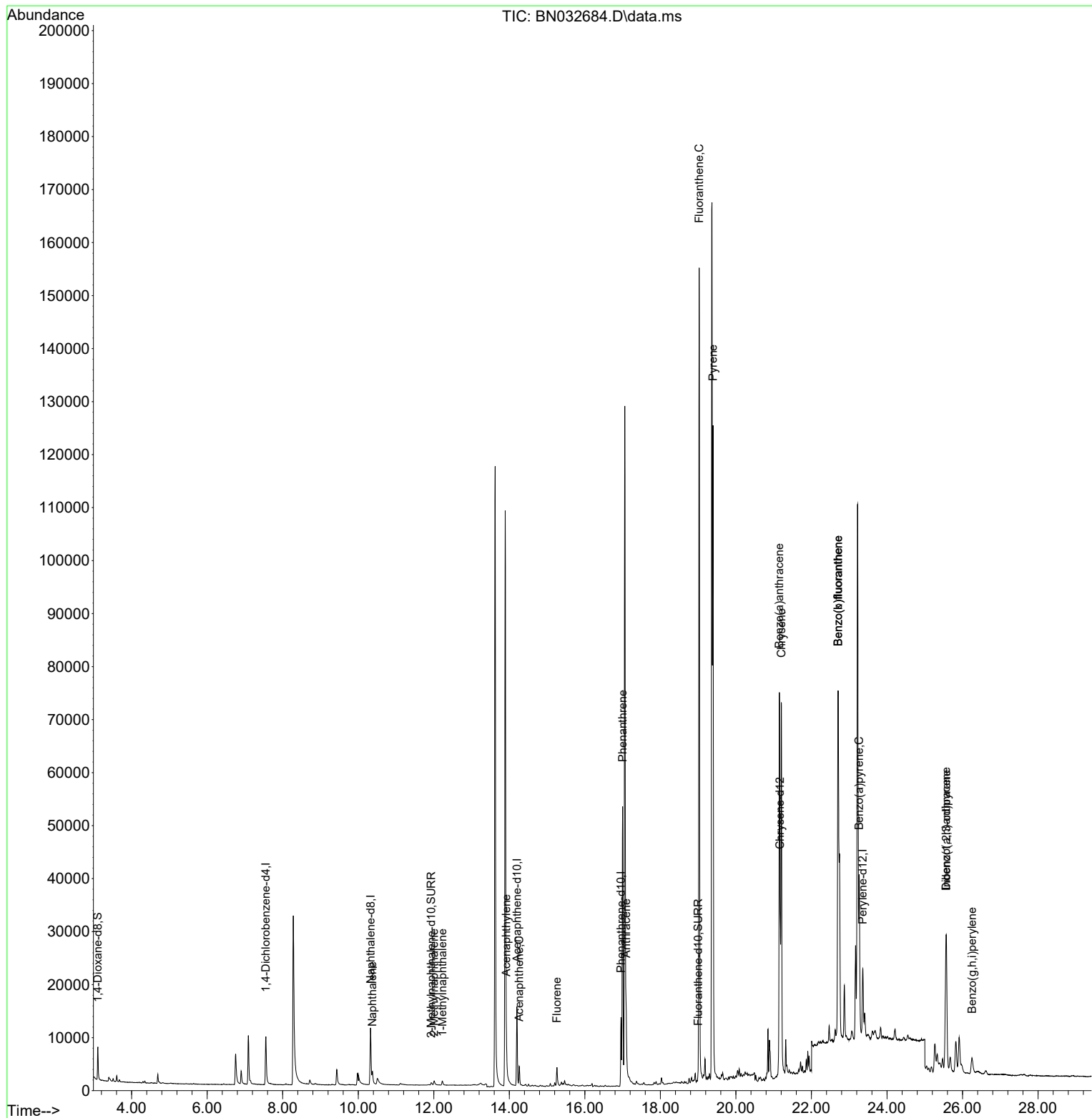
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.553	152	6018	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.327	136	17596	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.202	164	8979	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.957	188	16002	0.400	ng/ul	-0.03
17) Chrysene-d12	21.168	240	14532	0.400	ng/ul	-0.03
23) Perylene-d12	23.360	264	18121	0.400	ng/ul	#-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.106	96	4172	0.577	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.933	152	1054	0.040	ng/ul	-0.04
18) Fluoranthene-d10	18.999	212	1951	0.041	ng/ul	-0.03
Target Compounds						
					Qvalue	
5) Naphthalene	10.376	128	3121	0.066	ng/ul#	92
7) 2-Methylnaphthalene	12.010	142	956	0.032	ng/ul	95
8) 1-Methylnaphthalene	12.230	142	739	0.024	ng/ul	98
10) Acenaphthylene	13.920	152	6409	0.177	ng/ul	97
11) Acenaphthene	14.262	153	2306	0.077	ng/ul	98
12) Fluorene	15.262	166	2724	0.079	ng/ul#	98
15) Phenanthrene	16.999	178	61151	1.403	ng/ul	99
16) Anthracene	17.092	178	12332	0.346	ng/ul	96
19) Fluoranthene	19.027	202	140867	2.384	ng/ul	99
20) Pyrene	19.394	202	106063	1.734	ng/ul	98
21) Benzo(a)anthracene	21.150	228	64113	1.386	ng/ul	98
22) Chrysene	21.203	228	75784	1.133	ng/ul	98
24) Benzo(b)fluoranthene	22.705	252	146468	2.291	ng/ul	94
25) Benzo(k)fluoranthene	22.705	252	121757	1.563	ng/ul	94
26) Benzo(a)pyrene	23.266	252	40512	0.732	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.569	276	42278	0.564	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.566	278	13095	0.225	ng/ul#	79
29) Benzo(g,h,i)perylene	26.250	276	6007	0.096	ng/ul#	69

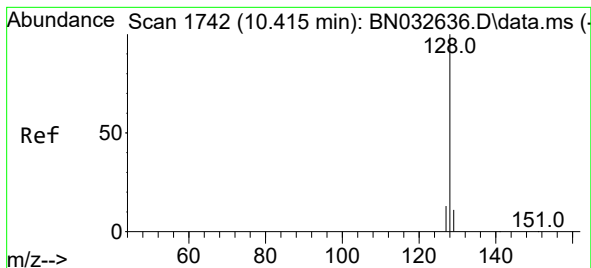
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032684.D
Acq On : 12 Jul 2024 22:12
Operator : MA/JU
Sample : P3035-11DL 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jul 13 00:04:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.066 ng/ul

RT: 10.376 min Scan# 1742

Delta R.T. -0.033 min

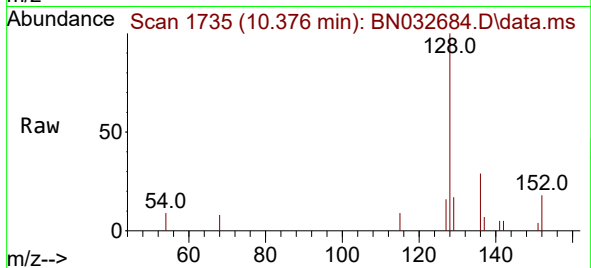
Lab File: BN032684.D

Acq: 12 Jul 2024 22:12

Instrument :

BNA_N

ClientSampleId :



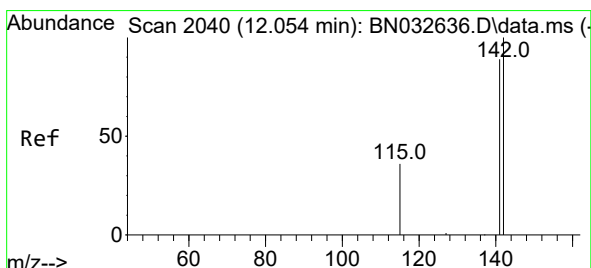
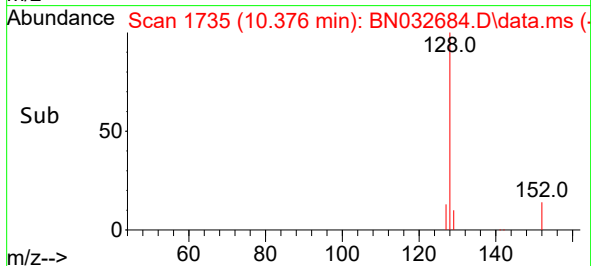
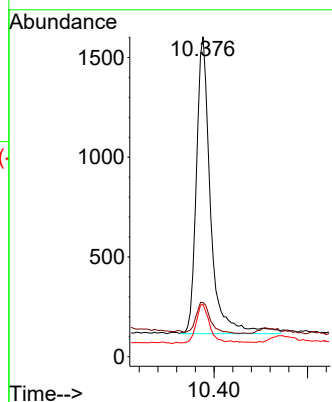
Tgt Ion:128 Resp: 3121

Ion Ratio Lower Upper

128 100

129 16.9 10.0 15.0#

127 16.3 11.6 17.4



#7

2-Methylnaphthalene

Concen: 0.032 ng/ul

RT: 12.010 min Scan# 2032

Delta R.T. -0.038 min

Lab File: BN032684.D

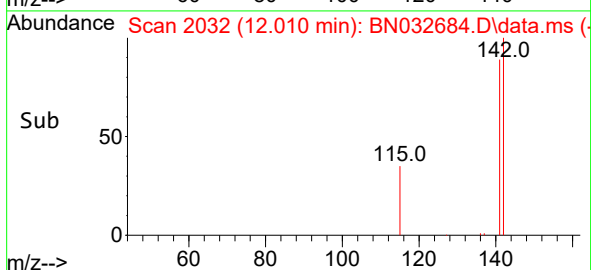
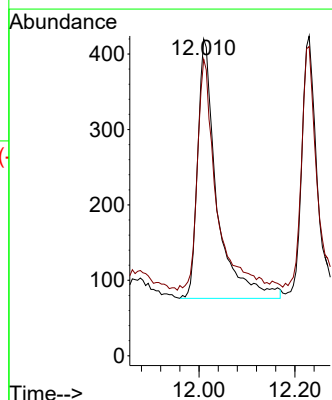
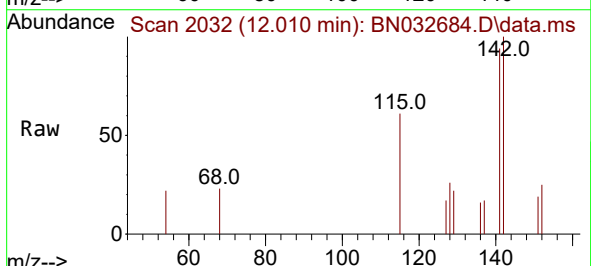
Acq: 12 Jul 2024 22:12

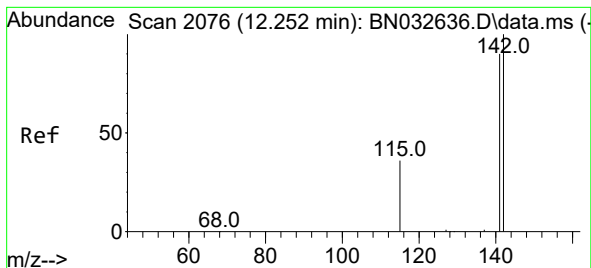
Tgt Ion:142 Resp: 956

Ion Ratio Lower Upper

142 100

141 88.1 74.0 111.0





#8

1-Methylnaphthalene

Concen: 0.024 ng/ul

RT: 12.230 min Scan# 2076

Delta R.T. -0.016 min

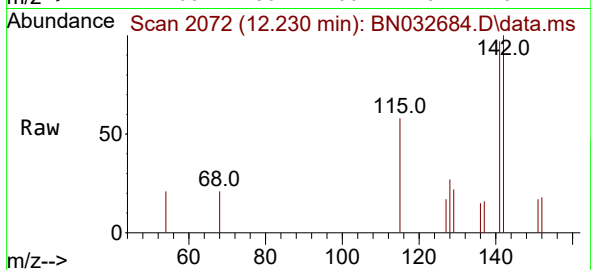
Lab File: BN032684.D

Acq: 12 Jul 2024 22:12

Instrument :

BNA_N

ClientSampleId :

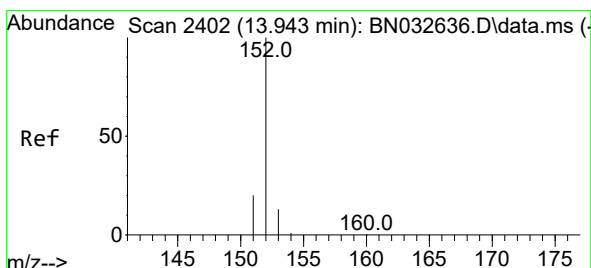
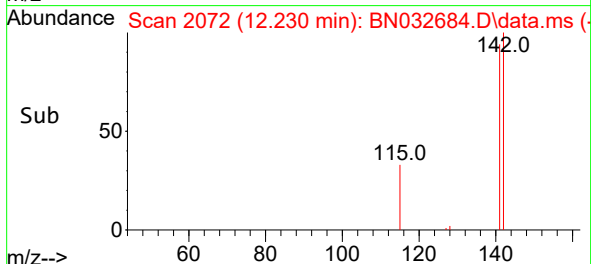
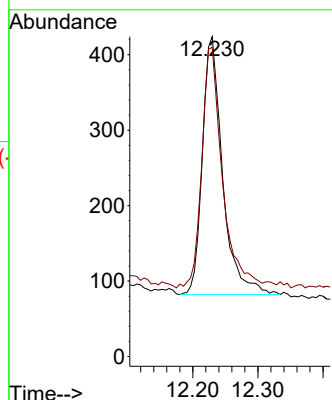


Tgt Ion:142 Resp: 739

Ion Ratio Lower Upper

142 100

141 95.7 75.0 112.4



#10

Acenaphthylene

Concen: 0.177 ng/ul

RT: 13.920 min Scan# 2397

Delta R.T. -0.023 min

Lab File: BN032684.D

Acq: 12 Jul 2024 22:12

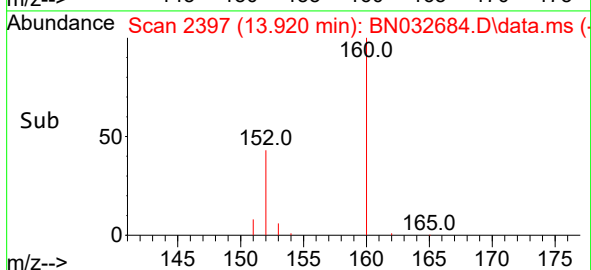
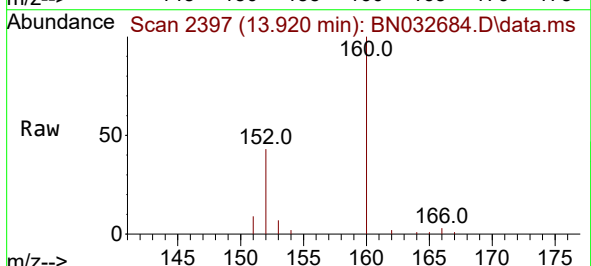
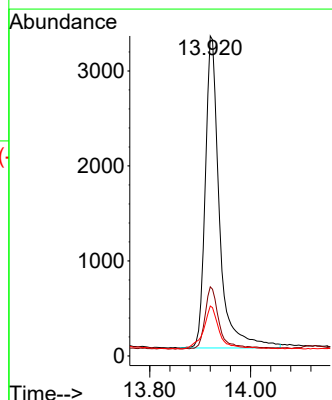
Tgt Ion:152 Resp: 6409

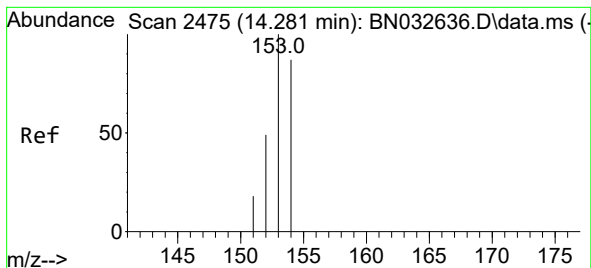
Ion Ratio Lower Upper

152 100

151 21.6 16.3 24.5

153 15.6 11.3 16.9





#11

Acenaphthene

Concen: 0.077 ng/ul

RT: 14.262 min Scan# 2471

Delta R.T. -0.018 min

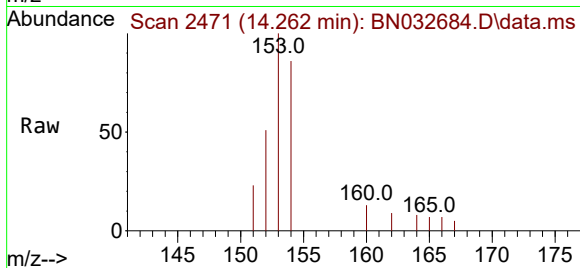
Lab File: BN032684.D

Acq: 12 Jul 2024 22:12

Instrument :

BNA_N

ClientSampleId :



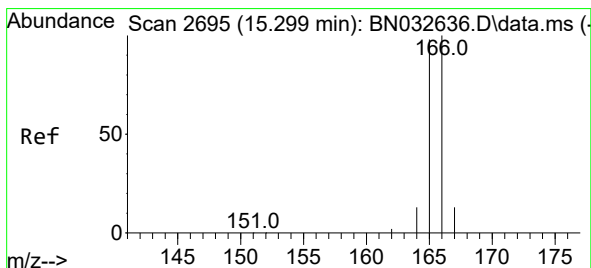
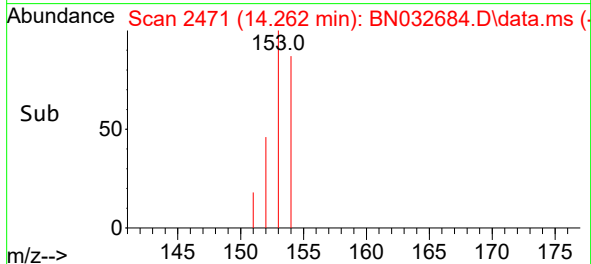
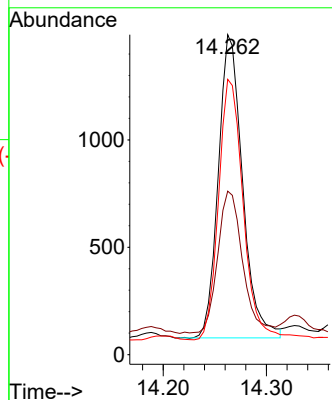
Tgt Ion:153 Resp: 2306

Ion Ratio Lower Upper

153 100

152 51.1 40.0 60.0

154 86.0 70.2 105.4



#12

Fluorene

Concen: 0.079 ng/ul

RT: 15.262 min Scan# 2687

Delta R.T. -0.028 min

Lab File: BN032684.D

Acq: 12 Jul 2024 22:12

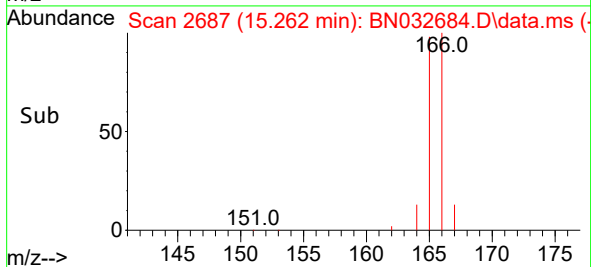
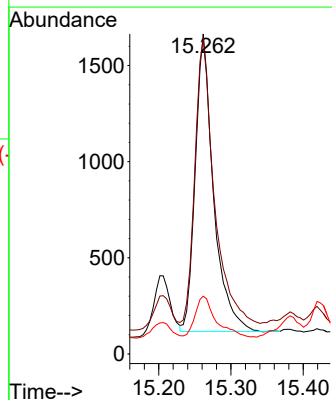
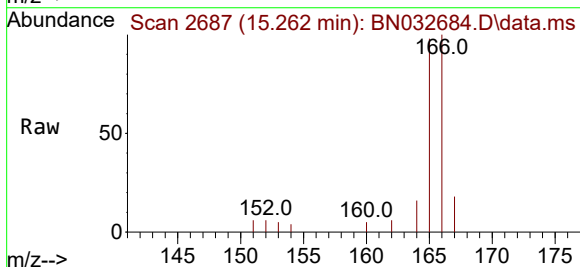
Tgt Ion:166 Resp: 2724

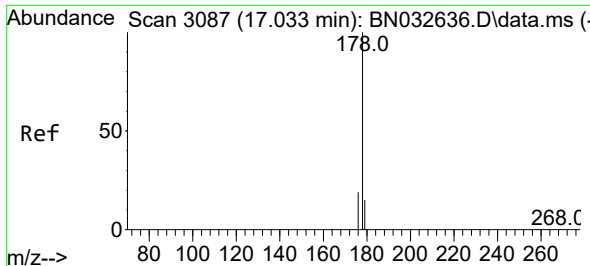
Ion Ratio Lower Upper

166 100

165 98.3 79.7 119.5

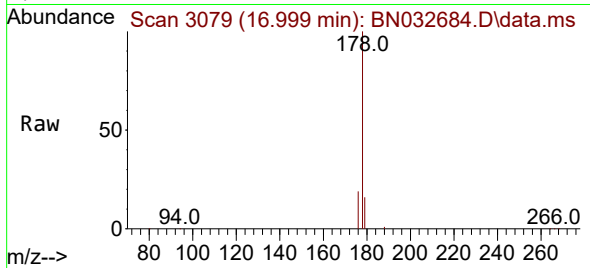
167 18.0 11.4 17.2#



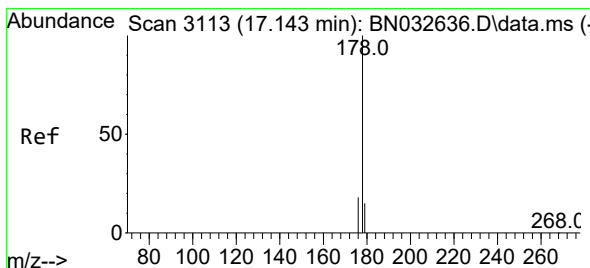
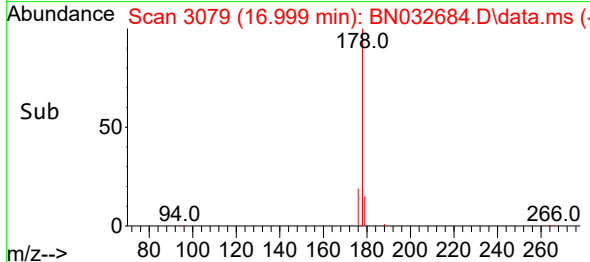
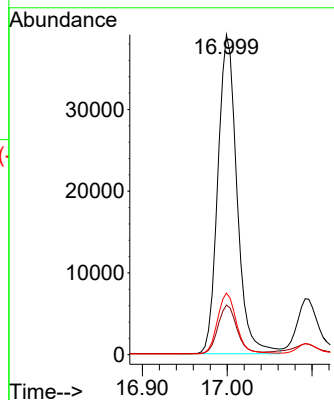


#15
Phenanthrene
Concen: 1.403 ng/ul
RT: 16.999 min Scan# 3087
Delta R.T. -0.029 min
Lab File: BN032684.D
Acq: 12 Jul 2024 22:12

Instrument :
BNA_N
ClientSampleId :

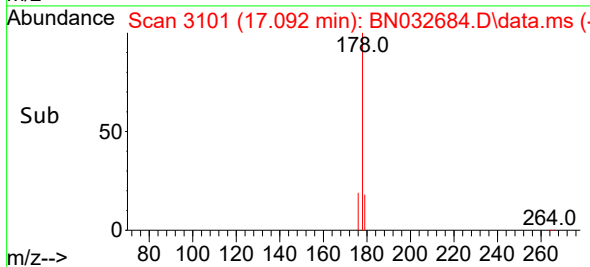
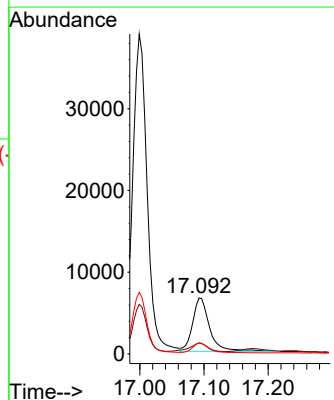
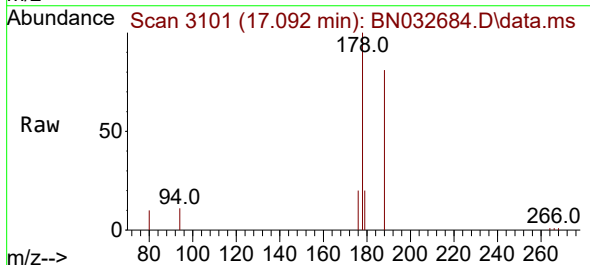


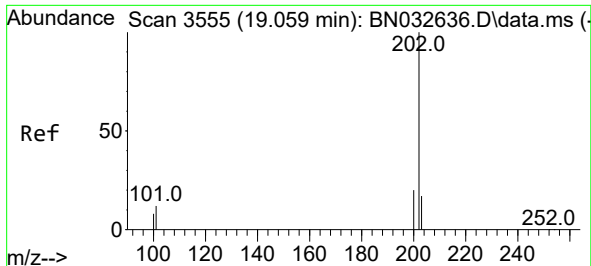
Tgt Ion:178 Resp: 61151
Ion Ratio Lower Upper
178 100
179 15.5 13.0 19.4
176 19.2 15.6 23.4



#16
Anthracene
Concen: 0.346 ng/ul
RT: 17.092 min Scan# 3101
Delta R.T. -0.046 min
Lab File: BN032684.D
Acq: 12 Jul 2024 22:12

Tgt Ion:178 Resp: 12332
Ion Ratio Lower Upper
178 100
179 19.7 13.4 20.2
176 19.7 15.4 23.0





#19

Fluoranthene

Concen: 2.384 ng/ul

RT: 19.027 min Scan# 3548

Delta R.T. -0.028 min

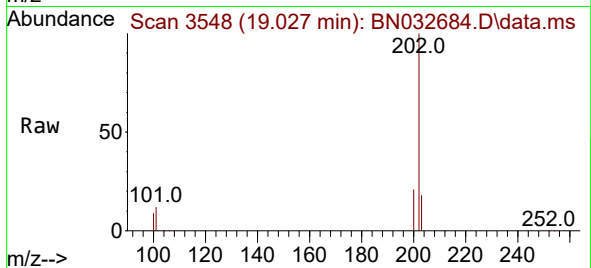
Lab File: BN032684.D

Acq: 12 Jul 2024 22:12

Instrument :

BNA_N

ClientSampleId :



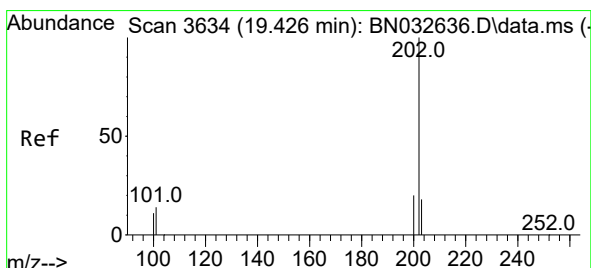
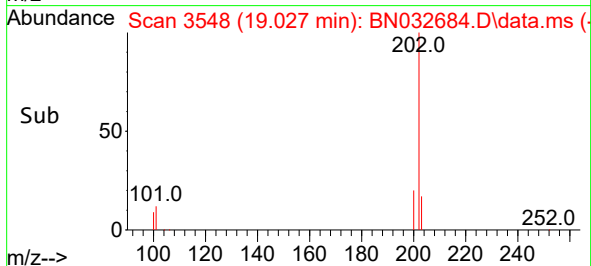
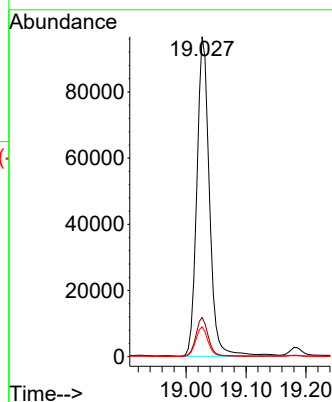
Tgt Ion:202 Resp: 140867

Ion Ratio Lower Upper

202 100

101 12.3 9.8 14.8

100 9.3 7.9 11.9



#20

Pyrene

Concen: 1.734 ng/ul

RT: 19.394 min Scan# 3627

Delta R.T. -0.028 min

Lab File: BN032684.D

Acq: 12 Jul 2024 22:12

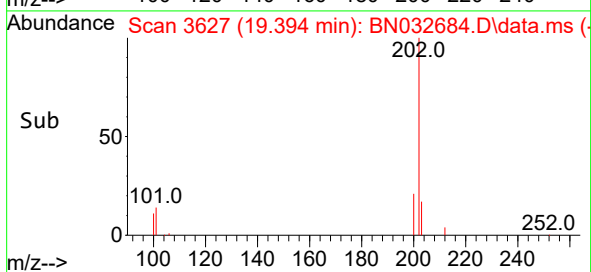
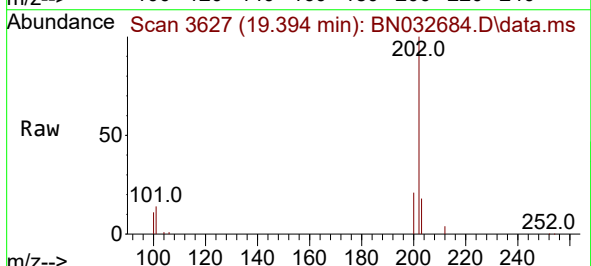
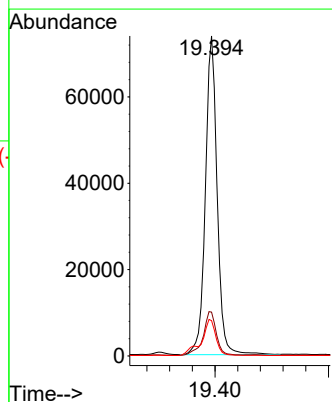
Tgt Ion:202 Resp: 106063

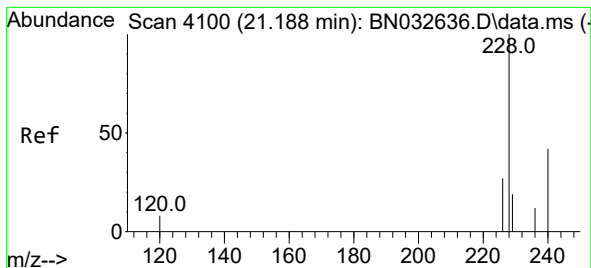
Ion Ratio Lower Upper

202 100

101 13.7 11.8 17.6

100 11.0 9.6 14.4





#21

Benzo(a)anthracene

Concen: 1.386 ng/ul

RT: 21.150 min Scan# 4087

Delta R.T. -0.032 min

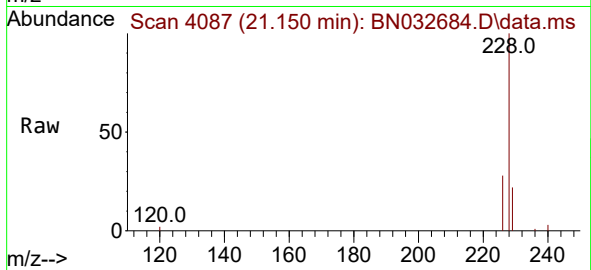
Lab File: BN032684.D

Acq: 12 Jul 2024 22:12

Instrument :

BNA_N

ClientSampleId :



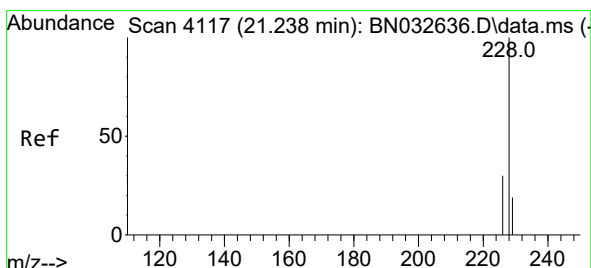
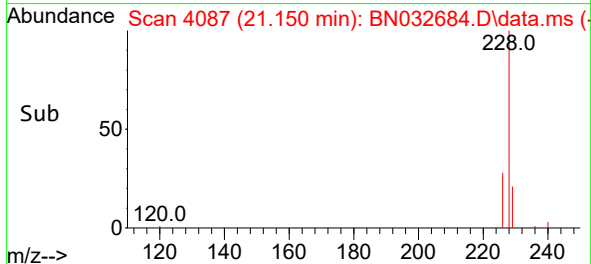
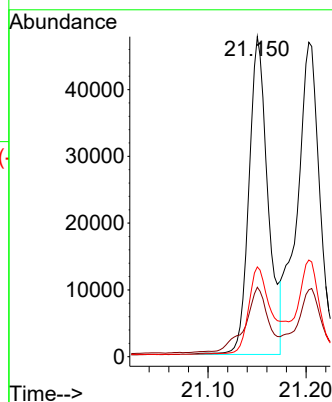
Tgt Ion:228 Resp: 64113

Ion Ratio Lower Upper

228 100

229 21.7 16.1 24.1

226 28.1 21.9 32.9



#22

Chrysene

Concen: 1.133 ng/ul

RT: 21.203 min Scan# 4105

Delta R.T. -0.029 min

Lab File: BN032684.D

Acq: 12 Jul 2024 22:12

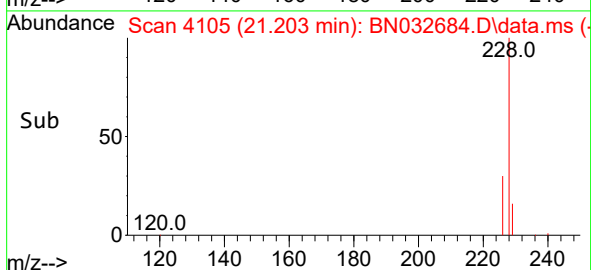
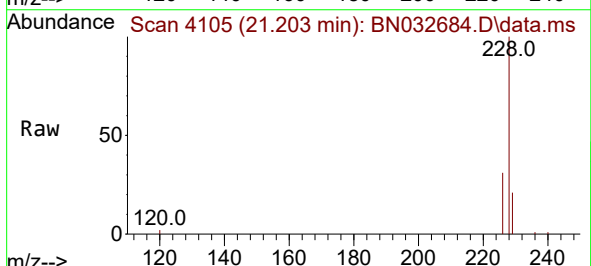
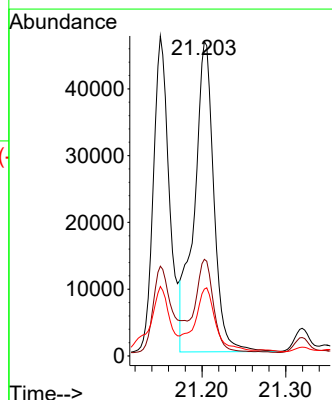
Tgt Ion:228 Resp: 75784

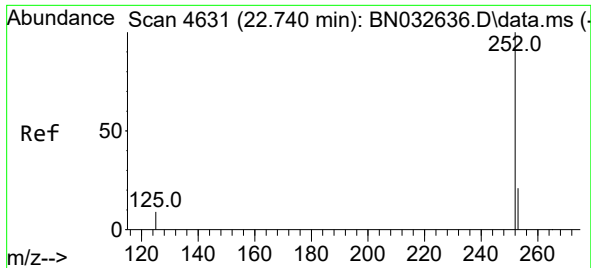
Ion Ratio Lower Upper

228 100

226 30.7 24.0 36.0

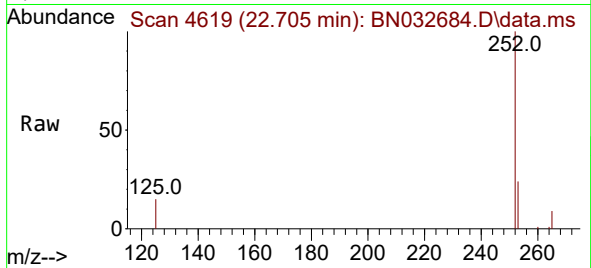
229 21.3 15.8 23.6



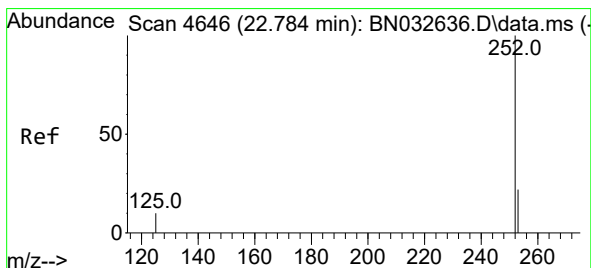
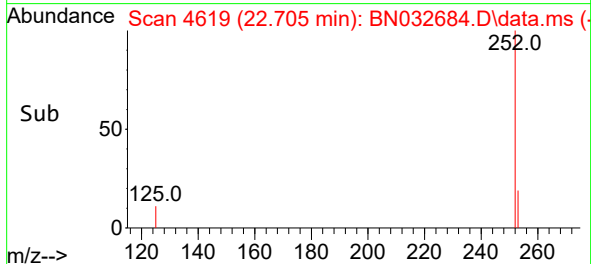
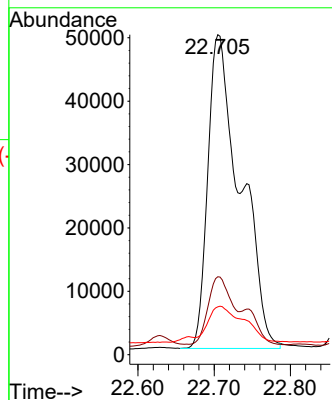


#24
Benzo(b)fluoranthene
Concen: 2.291 ng/ul
RT: 22.705 min Scan# 4619
Delta R.T. -0.029 min
Lab File: BN032684.D
Acq: 12 Jul 2024 22:12

Instrument :
BNA_N
ClientSampleId :

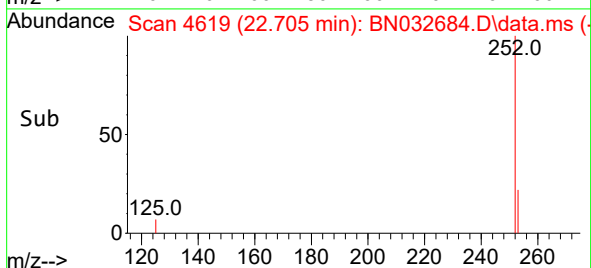
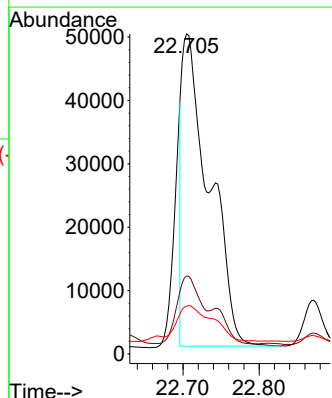
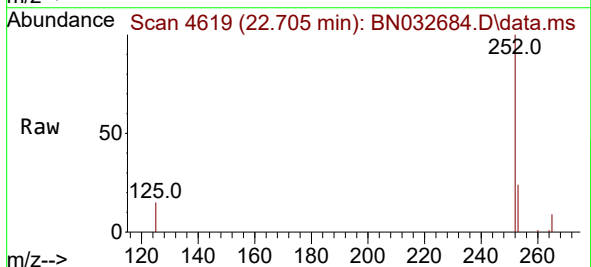


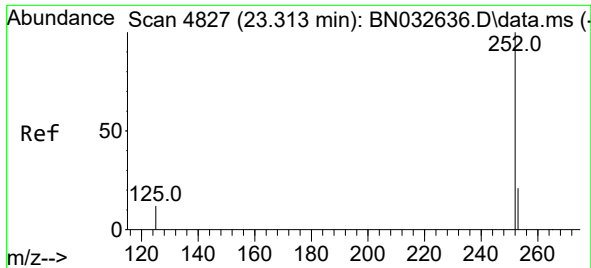
Tgt Ion:252 Resp: 146468
Ion Ratio Lower Upper
252 100
253 24.3 0.0 54.0
125 14.9 0.0 36.0



#25
Benzo(k)fluoranthene
Concen: 1.563 ng/ul
RT: 22.705 min Scan# 4619
Delta R.T. -0.073 min
Lab File: BN032684.D
Acq: 12 Jul 2024 22:12

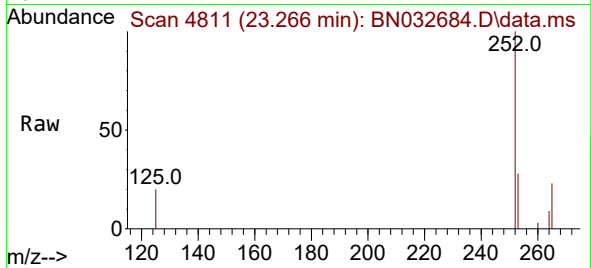
Tgt Ion:252 Resp: 121757
Ion Ratio Lower Upper
252 100
253 24.3 21.2 31.8
125 14.9 14.8 22.2



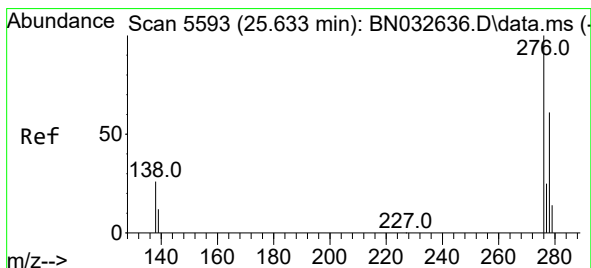
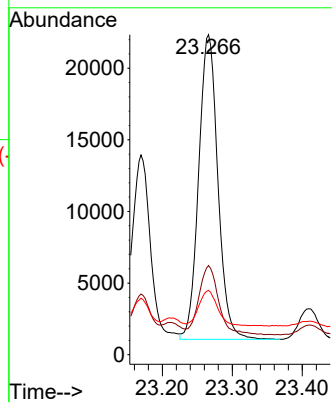
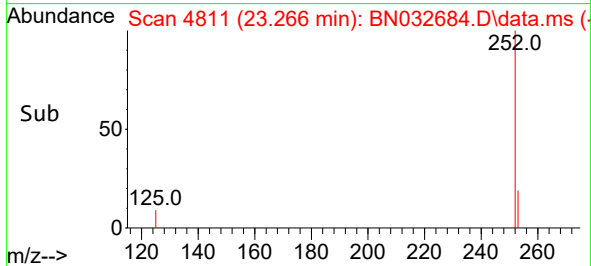


#26
Benzo(a)pyrene
Concen: 0.732 ng/ul
RT: 23.266 min Scan# 4811
Delta R.T. -0.044 min
Lab File: BN032684.D
Acq: 12 Jul 2024 22:12

Instrument :
BNA_N
ClientSampleId :

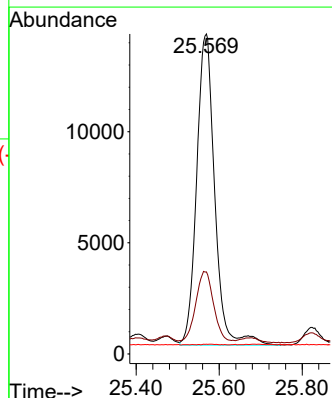
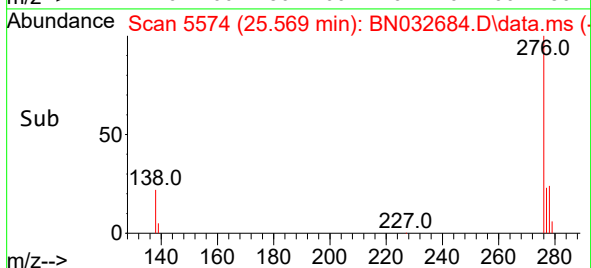
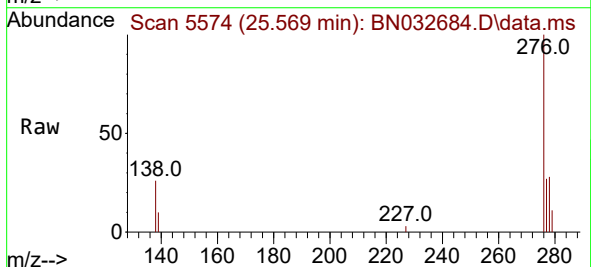


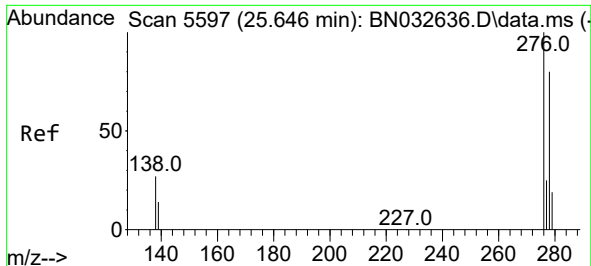
Tgt Ion:252 Resp: 40512
Ion Ratio Lower Upper
252 100
253 27.9 25.4 38.0
125 20.1 20.6 30.8#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.564 ng/ul
RT: 25.569 min Scan# 5574
Delta R.T. -0.057 min
Lab File: BN032684.D
Acq: 12 Jul 2024 22:12

Tgt Ion:276 Resp: 42278
Ion Ratio Lower Upper
276 100
138 22.1 21.6 32.4
227 0.1 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.225 ng/ul

RT: 25.566 min Scan# 51

Delta R.T. -0.074 min

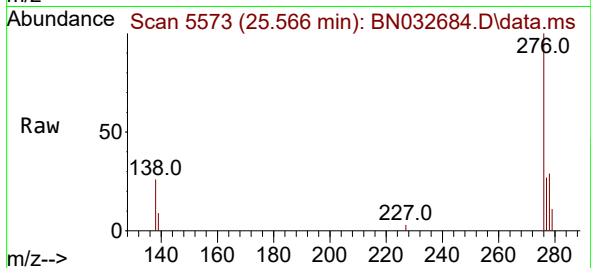
Lab File: BN032684.D

Acq: 12 Jul 2024 22:12

Instrument :

BNA_N

ClientSampleId :



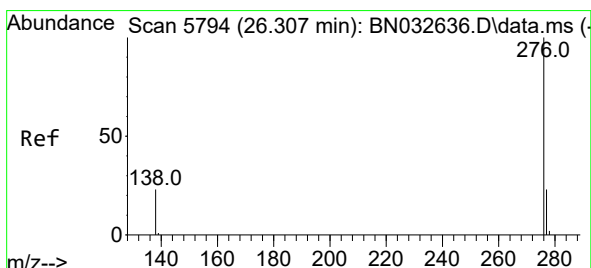
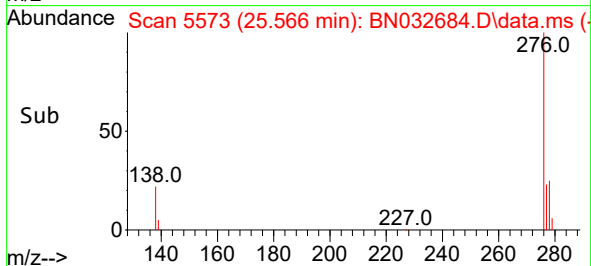
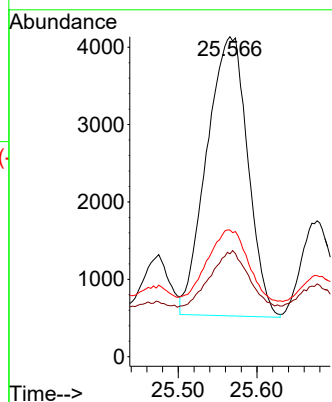
Tgt Ion:278 Resp: 13095

Ion Ratio Lower Upper

278 100

139 32.2 16.6 24.8#

279 39.6 23.7 35.5#



#29

Benzo(g,h,i)perylene

Concen: 0.096 ng/ul

RT: 26.250 min Scan# 5777

Delta R.T. -0.050 min

Lab File: BN032684.D

Acq: 12 Jul 2024 22:12

Tgt Ion:276 Resp: 6007

Ion Ratio Lower Upper

276 100

138 42.1 21.0 31.4#

277 41.6 20.6 31.0#

