

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032680.D
 Acq On : 12 Jul 2024 19:48
 Operator : MA/JU
 Sample : P3087-14
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 13 00:03:25 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)

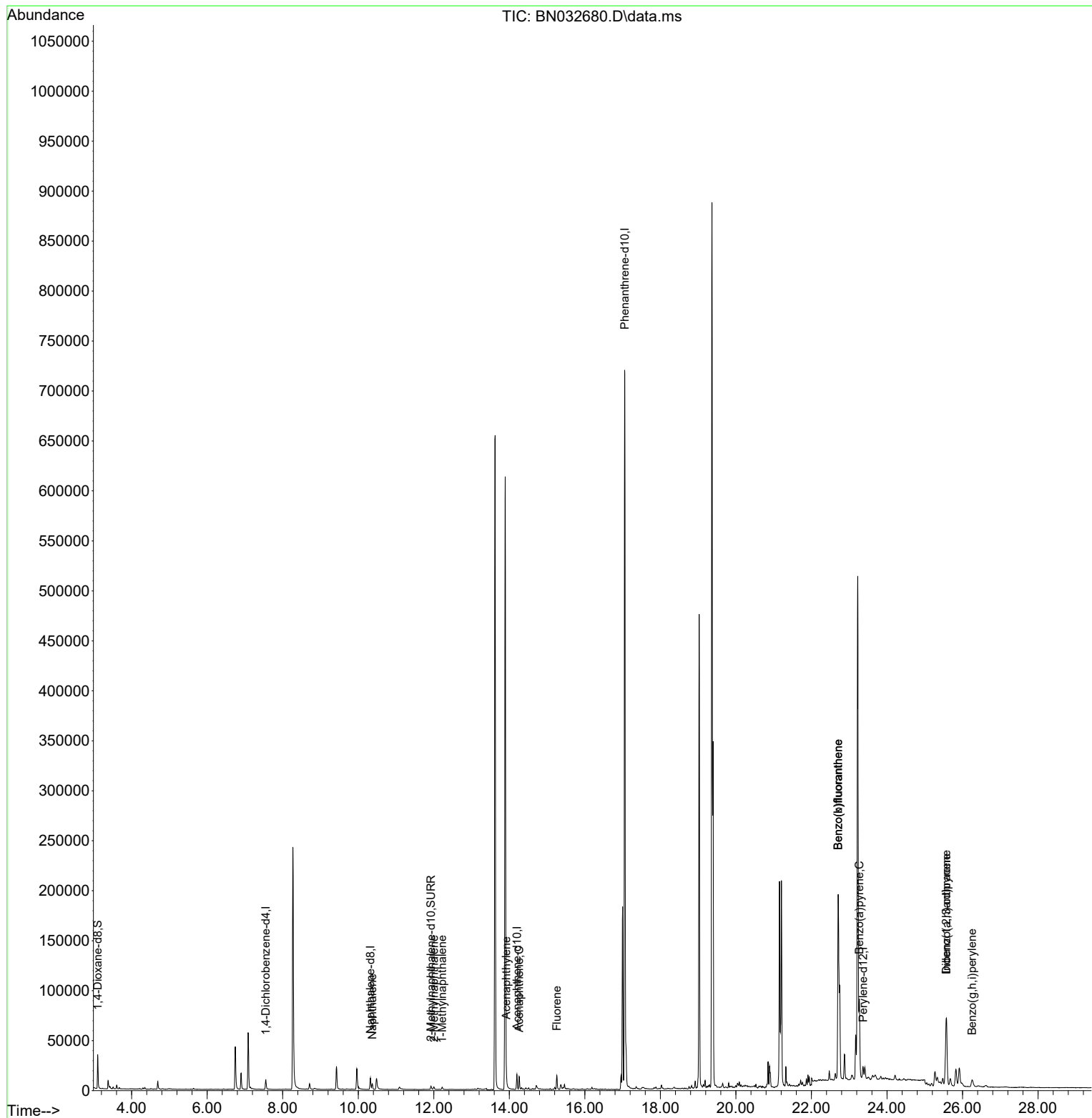
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.553	152	5532	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.321	136	16140	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.202	164	8632	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.058	188	860623	0.400	ng/ul	0.07
17) Chrysene-d12	0.000	240	0	0.000	ng/ul	-21.19
23) Perylene-d12	23.365	264	21162	0.400	ng/ul	#-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	22064	3.322	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.927	152	5677	0.233	ng/ul	-0.04
18) Fluoranthene-d10	18.999	212	10696	0.000	ng/ul	-0.03
Target Compounds						
					Qvalue	
5) Naphthalene	10.371	128	8155	0.188	ng/ul	99
7) 2-Methylnaphthalene	12.004	142	2492	0.092	ng/ul	96
8) 1-Methylnaphthalene	12.224	142	1963	0.070	ng/ul	99
10) Acenaphthylene	13.920	152	10751	0.308	ng/ul	98
11) Acenaphthene	14.262	153	7793	0.270	ng/ul	99
12) Fluorene	15.257	166	9502	0.288	ng/ul	99
24) Benzo(b)fluoranthene	22.708	252	396777	5.314	ng/ul	91
25) Benzo(k)fluoranthene	22.708	252	317184	3.486	ng/ul#	91
26) Benzo(a)pyrene	23.269	252	104277	1.614	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	25.572	276	103040	1.178	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.569	278	35710	0.527	ng/ul#	92
29) Benzo(g,h,i)perylene	26.253	276	14279	0.195	ng/ul#	83

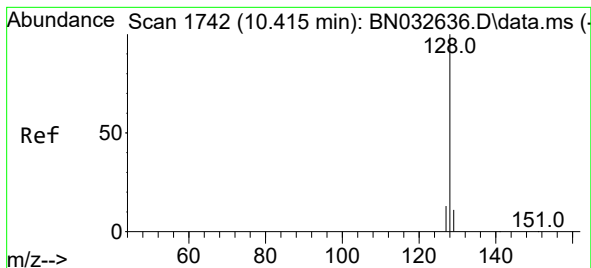
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Naphthalene

Concen: 0.188 ng/ul

RT: 10.371 min Scan# 1734

Delta R.T. -0.039 min

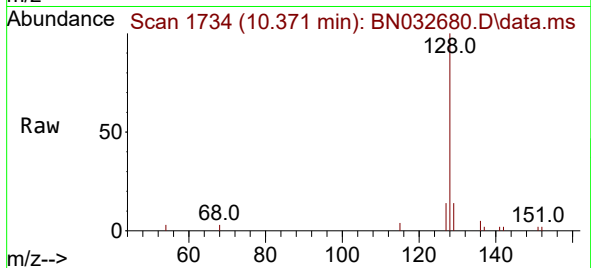
Lab File: BN032680.D

Acq: 12 Jul 2024 19:48

Instrument :

BNA_N

ClientSampleId :



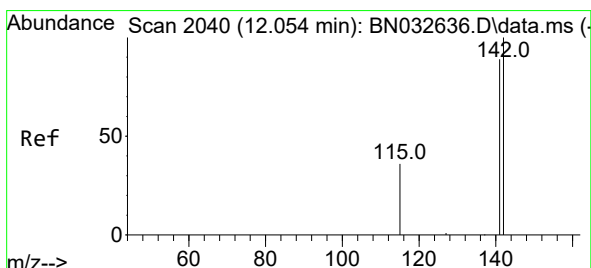
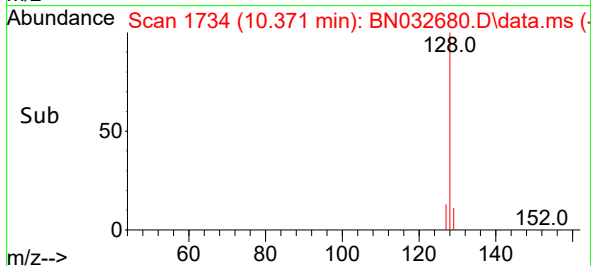
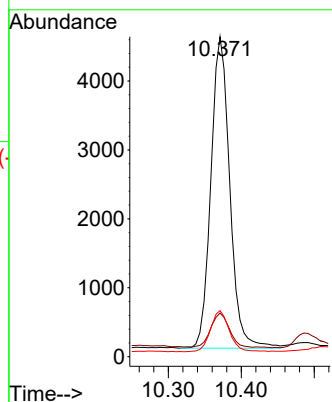
Tgt Ion:128 Resp: 8155

Ion Ratio Lower Upper

128 100

129 13.7 10.0 15.0

127 14.4 11.6 17.4



#7

2-Methylnaphthalene

Concen: 0.092 ng/ul

RT: 12.004 min Scan# 2031

Delta R.T. -0.044 min

Lab File: BN032680.D

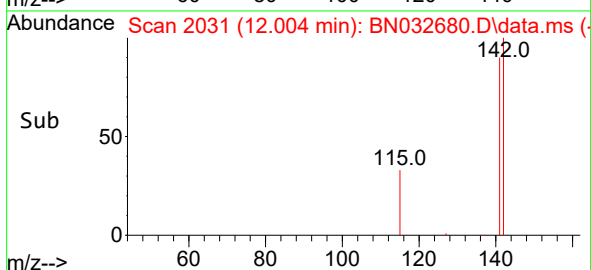
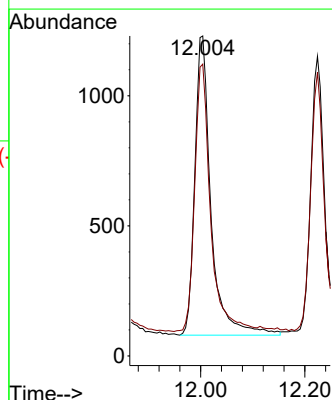
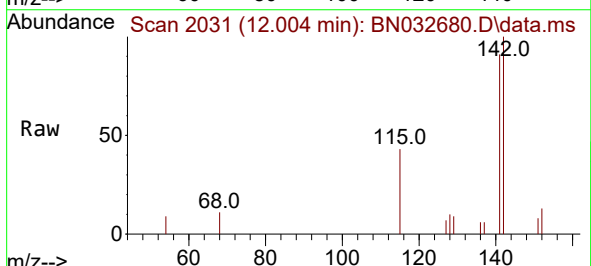
Acq: 12 Jul 2024 19:48

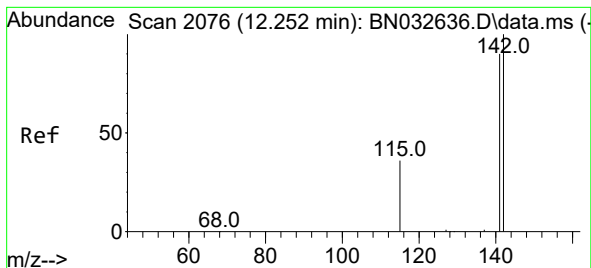
Tgt Ion:142 Resp: 2492

Ion Ratio Lower Upper

142 100

141 88.5 74.0 111.0





#8

1-Methylnaphthalene

Concen: 0.070 ng/ul

RT: 12.224 min Scan# 2076

Delta R.T. -0.022 min

Lab File: BN032680.D

Acq: 12 Jul 2024 19:48

Instrument :

BNA_N

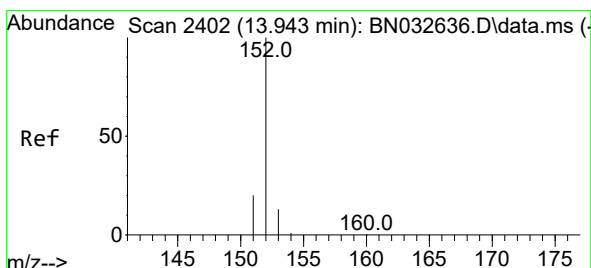
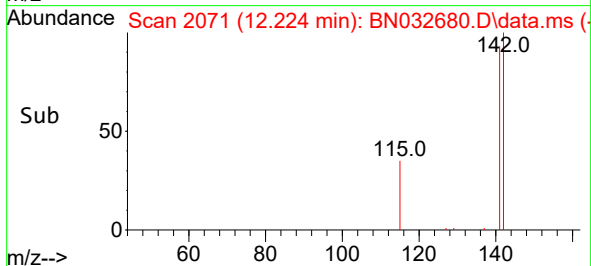
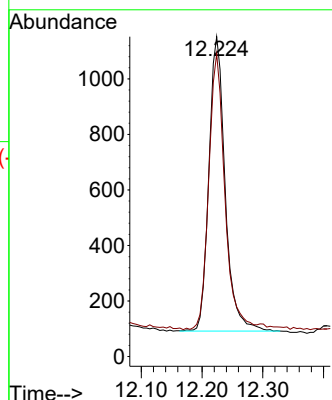
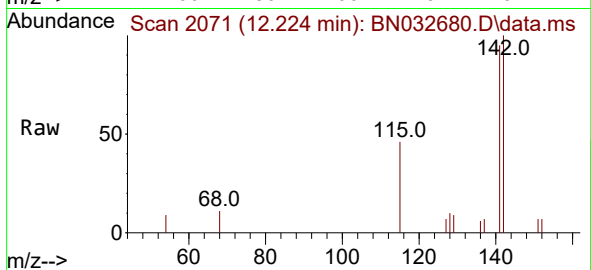
ClientSampleId :

Tgt Ion:142 Resp: 1963

Ion Ratio Lower Upper

142 100

141 94.8 75.0 112.4



#10

Acenaphthylene

Concen: 0.308 ng/ul

RT: 13.920 min Scan# 2397

Delta R.T. -0.023 min

Lab File: BN032680.D

Acq: 12 Jul 2024 19:48

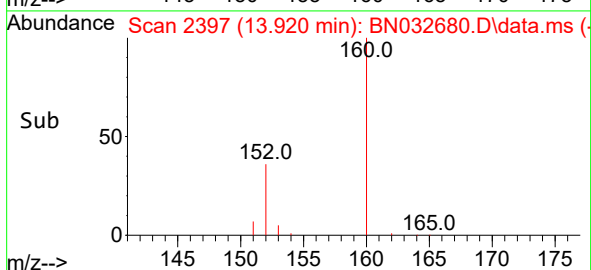
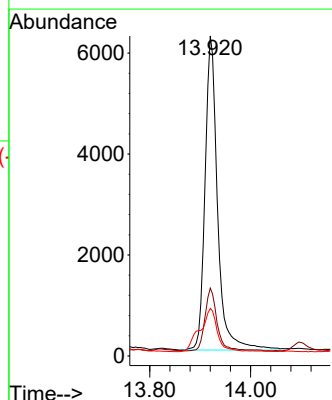
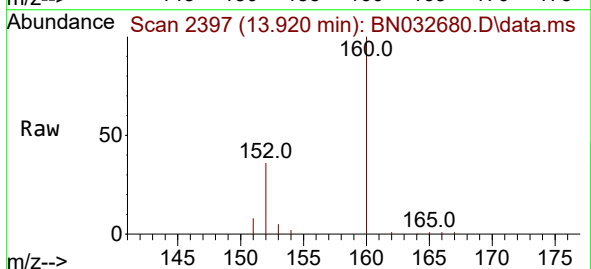
Tgt Ion:152 Resp: 10751

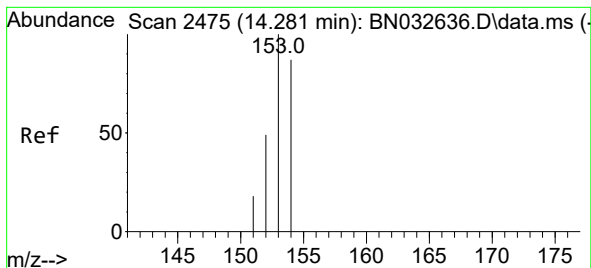
Ion Ratio Lower Upper

152 100

151 21.2 16.3 24.5

153 14.8 11.3 16.9





#11

Acenaphthene

Concen: 0.270 ng/ul

RT: 14.262 min Scan# 2471

Delta R.T. -0.019 min

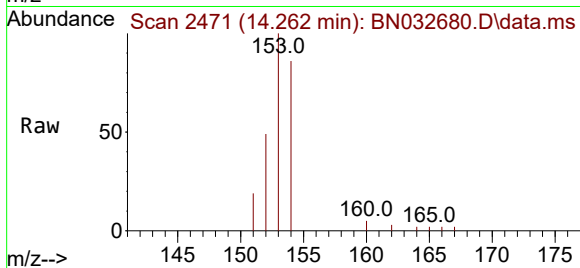
Lab File: BN032680.D

Acq: 12 Jul 2024 19:48

Instrument :

BNA_N

ClientSampleId :



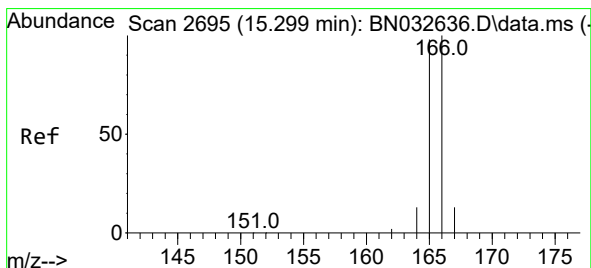
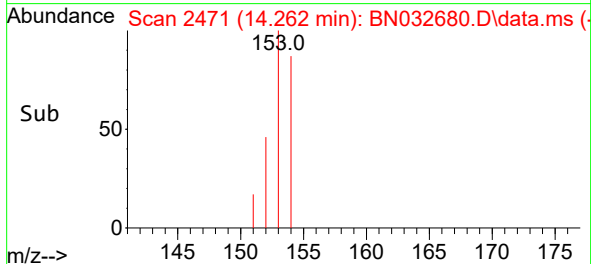
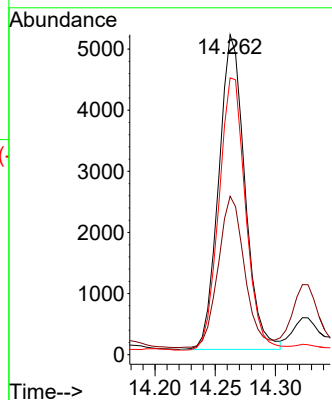
Tgt Ion:153 Resp: 7793

Ion Ratio Lower Upper

153 100

152 49.5 40.0 60.0

154 86.5 70.2 105.4



#12

Fluorene

Concen: 0.288 ng/ul

RT: 15.257 min Scan# 2686

Delta R.T. -0.032 min

Lab File: BN032680.D

Acq: 12 Jul 2024 19:48

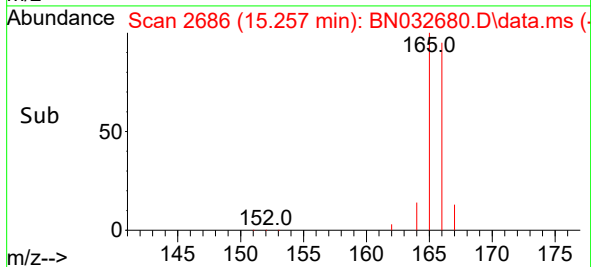
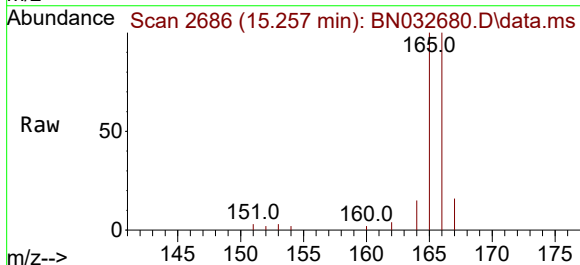
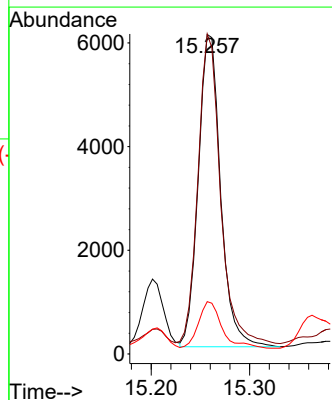
Tgt Ion:166 Resp: 9502

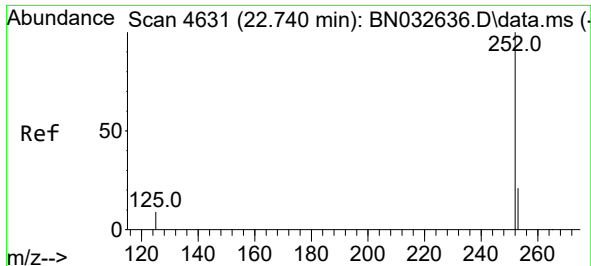
Ion Ratio Lower Upper

166 100

165 100.1 79.7 119.5

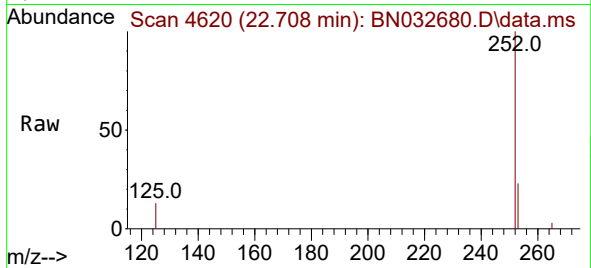
167 16.4 11.4 17.2



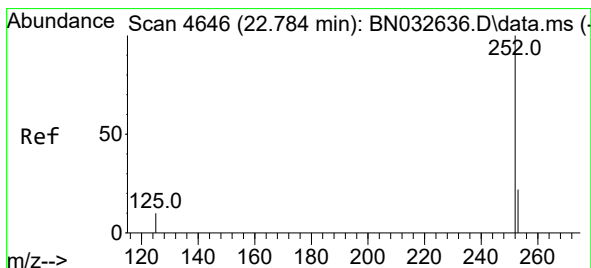
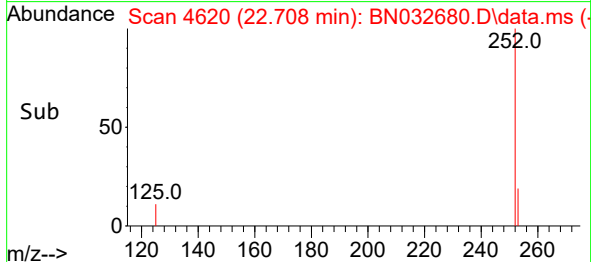
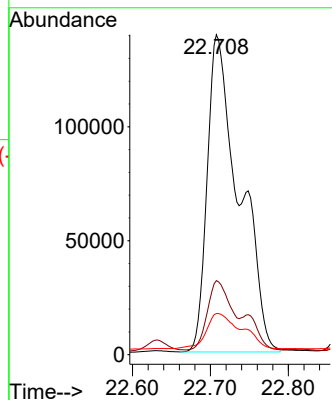


#24
Benzo(b)fluoranthene
Concen: 5.314 ng/ul
RT: 22.708 min Scan# 4620
Delta R.T. -0.026 min
Lab File: BN032680.D
Acq: 12 Jul 2024 19:48

Instrument :
BNA_N
ClientSampleId :

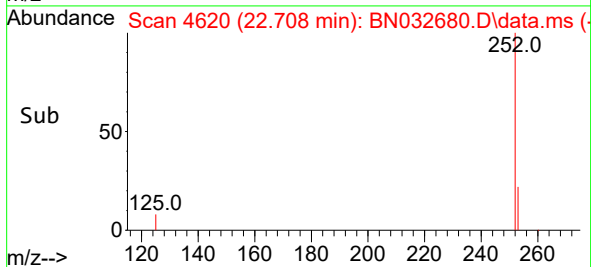
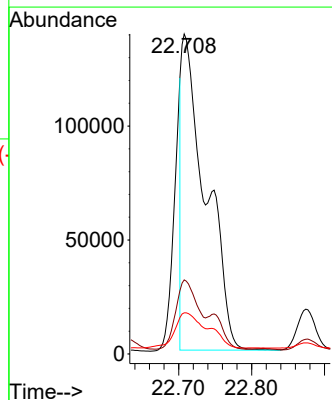
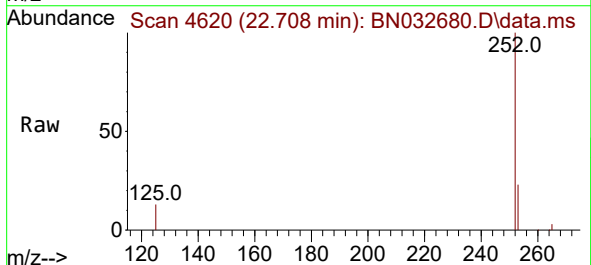


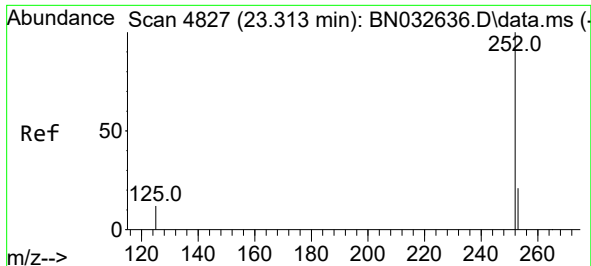
Tgt Ion:252 Resp: 396777
Ion Ratio Lower Upper
252 100
253 23.1 0.0 54.0
125 12.9 0.0 36.0



#25
Benzo(k)fluoranthene
Concen: 3.486 ng/ul
RT: 22.708 min Scan# 4620
Delta R.T. -0.070 min
Lab File: BN032680.D
Acq: 12 Jul 2024 19:48

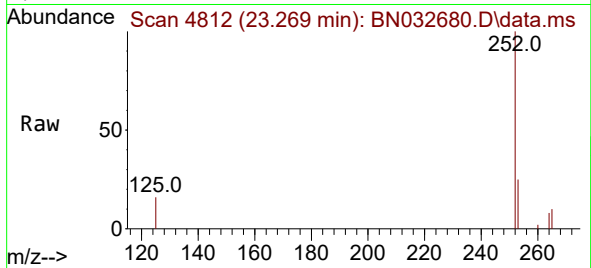
Tgt Ion:252 Resp: 317184
Ion Ratio Lower Upper
252 100
253 23.1 21.2 31.8
125 12.9 14.8 22.2#



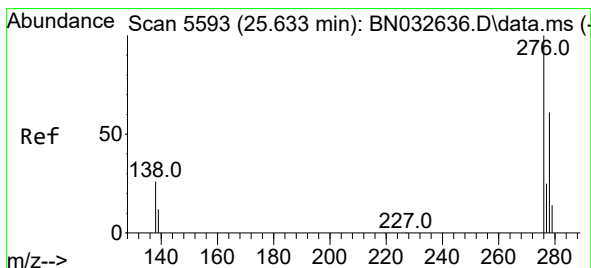
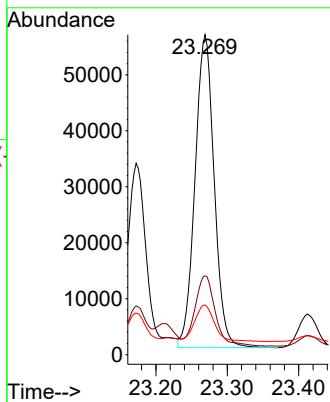
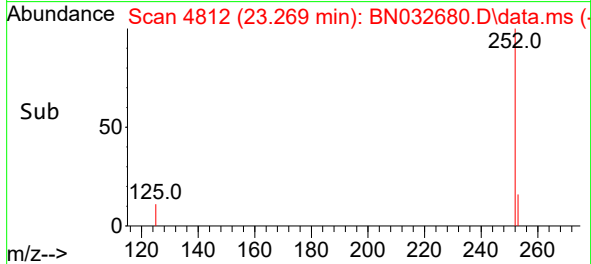


#26
Benzo(a)pyrene
Concen: 1.614 ng/ul
RT: 23.269 min Scan# 4812
Delta R.T. -0.041 min
Lab File: BN032680.D
Acq: 12 Jul 2024 19:48

Instrument :
BNA_N
ClientSampleId :

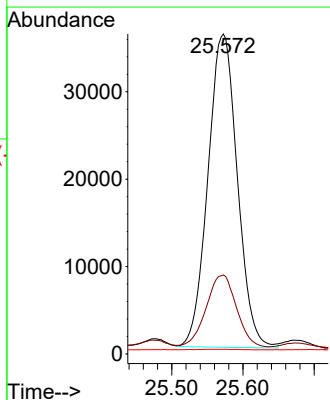
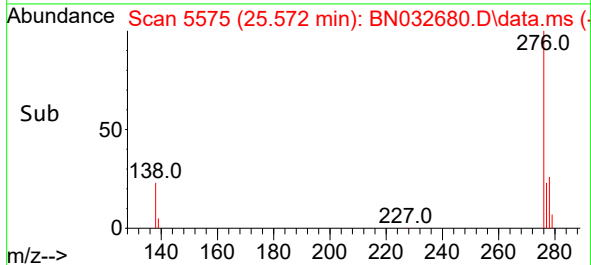
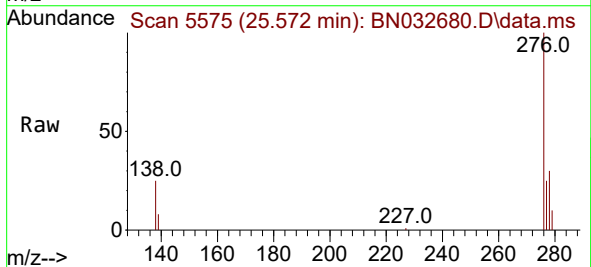


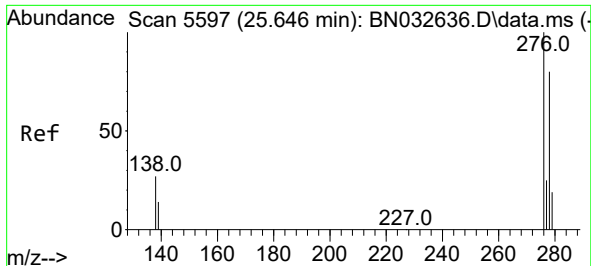
Tgt Ion:252 Resp: 104277
Ion Ratio Lower Upper
252 100
253 24.6 25.4 38.0#
125 15.5 20.6 30.8#



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.178 ng/ul
RT: 25.572 min Scan# 5575
Delta R.T. -0.054 min
Lab File: BN032680.D
Acq: 12 Jul 2024 19:48

Tgt Ion:276 Resp: 103040
Ion Ratio Lower Upper
276 100
138 23.5 21.6 32.4
227 0.2 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.527 ng/ul

RT: 25.569 min Scan# 51

Delta R.T. -0.070 min

Lab File: BN032680.D

Acq: 12 Jul 2024 19:48

Instrument :

BNA_N

ClientSampleId :

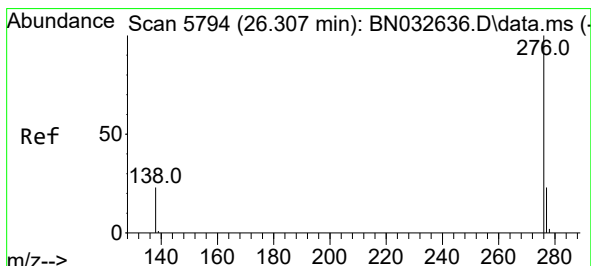
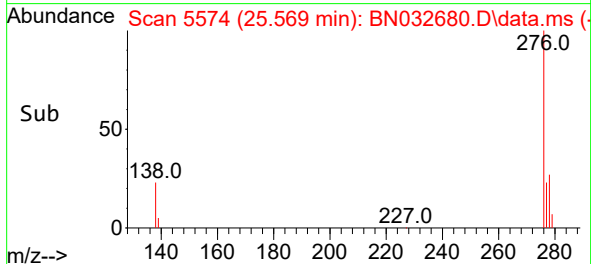
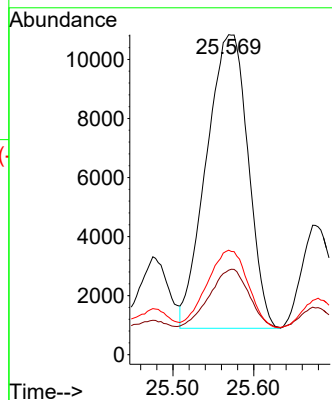
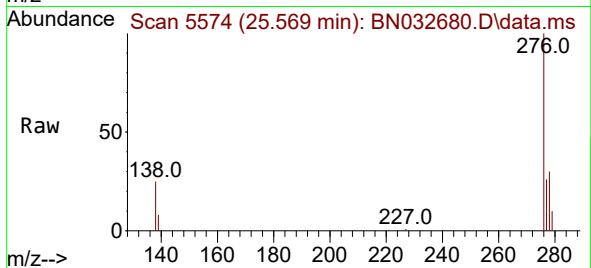
Tgt Ion:278 Resp: 35710

Ion Ratio Lower Upper

278 100

139 26.4 16.6 24.8#

279 32.7 23.7 35.5



#29

Benzo(g,h,i)perylene

Concen: 0.195 ng/ul

RT: 26.253 min Scan# 5778

Delta R.T. -0.047 min

Lab File: BN032680.D

Acq: 12 Jul 2024 19:48

Tgt Ion:276 Resp: 14279

Ion Ratio Lower Upper

276 100

138 34.4 21.0 31.4#

277 34.6 20.6 31.0#

