

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122122\
 Data File : BN023308.D
 Acq On : 21 Dec 2022 10:47
 Operator : CG/JU
 Sample : SST0.460
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 21 11:56:48 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 11:52:04 2022
 Response via : Initial Calibration

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

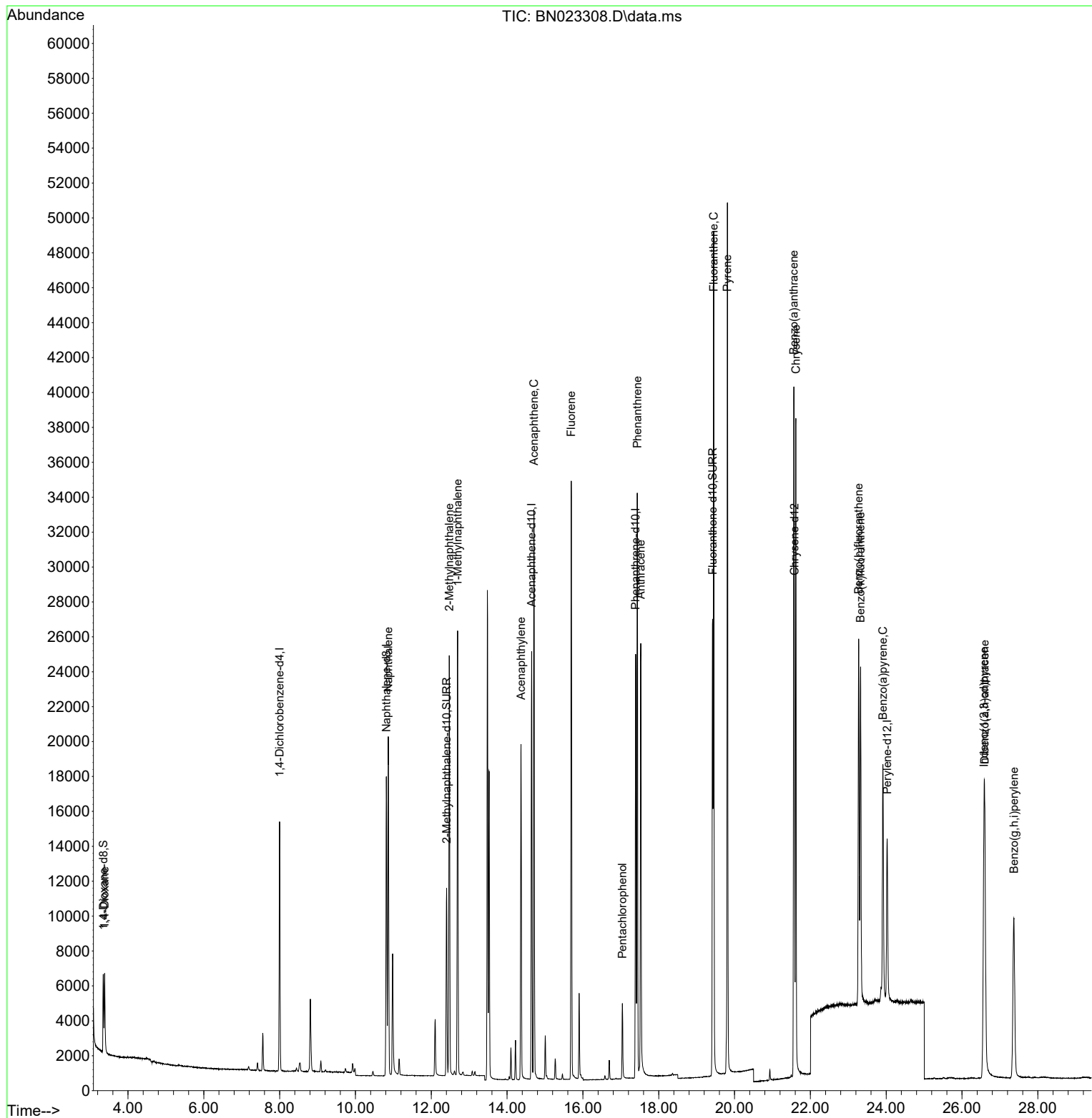
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	6968	0.400	ng/ul	0.00
4) Naphthalene-d8	10.815	136	22195	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.646	164	12638	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.391	188	27529	0.400	ng/ul	0.00
17) Chrysene-d12	21.579	240	18888	0.400	ng/ul	0.00
23) Perylene-d12	24.025	264	13412	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.349	96	3058	0.394	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.404	152	13657	0.402	ng/ul	0.00
18) Fluoranthene-d10	19.421	212	28390	0.414	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.382	88	3136	0.398	ng/ul	100
5) Naphthalene	10.865	128	25719	0.396	ng/ul	100
7) 2-Methylnaphthalene	12.476	142	16446	0.399	ng/ul	100
8) 1-Methylnaphthalene	12.696	142	17075	0.400	ng/ul	100
10) Acenaphthylene	14.368	152	21959	0.401	ng/ul	100
11) Acenaphthene	14.706	153	18812	0.401	ng/ul	100
12) Fluorene	15.692	166	21174	0.407	ng/ul	100
14) Pentachlorophenol	17.041	266	2892	0.422	ng/ul	100
15) Phenanthrene	17.433	178	35062	0.395	ng/ul	100
16) Anthracene	17.526	178	28834	0.404	ng/ul	100
19) Fluoranthene	19.449	202	39749	0.430	ng/ul	100
20) Pyrene	19.811	202	40071	0.424	ng/ul	100
21) Benzo(a)anthracene	21.561	228	31310	0.420	ng/ul	100
22) Chrysene	21.617	228	32217	0.421	ng/ul	100
24) Benzo(b)fluoranthene	23.274	252	27810	0.402	ng/ul	100
25) Benzo(k)fluoranthene	23.324	252	26039	0.407	ng/ul	100
26) Benzo(a)pyrene	23.914	252	21742	0.396	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	26.578	276	24823	0.387	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.601	278	19526	0.394	ng/ul	100
29) Benzo(g,h,i)perylene	27.369	276	21087	0.400	ng/ul	100

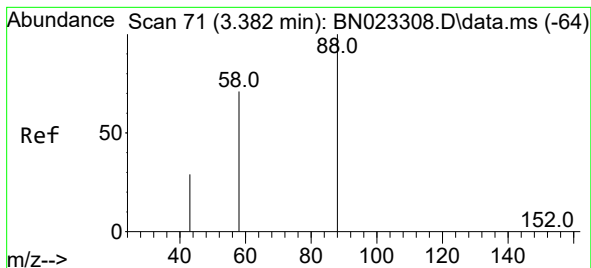
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122122\
Data File : BN023308.D
Acq On : 21 Dec 2022 10:47
Operator : CG/JU
Sample : SST0.460
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Dec 21 11:56:48 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 11:52:04 2022
Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 0.398 ng/ul

RT: 3.382 min Scan# 71

Delta R.T. 0.000 min

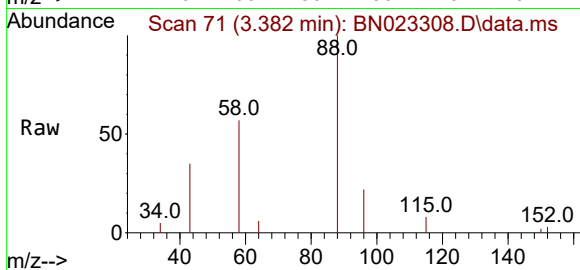
Lab File: BN023308.D

Acq: 21 Dec 2022 10:47

Instrument :

BNA_N

ClientSampleId :



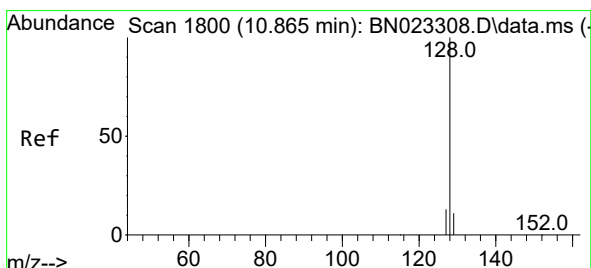
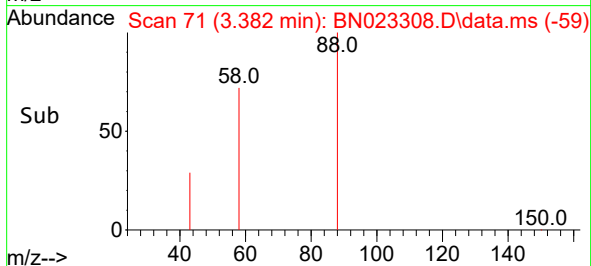
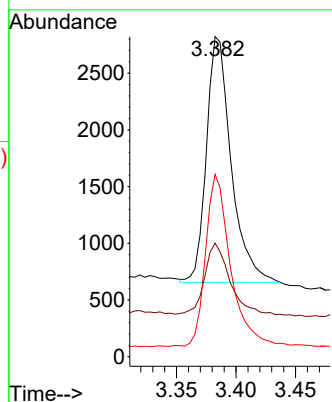
Tgt Ion: 88 Resp: 3136

Ion Ratio Lower Upper

88 100

43 35.5 28.4 42.6

58 57.0 45.6 68.4



#5

Naphthalene

Concen: 0.396 ng/ul

RT: 10.865 min Scan# 1800

Delta R.T. 0.000 min

Lab File: BN023308.D

Acq: 21 Dec 2022 10:47

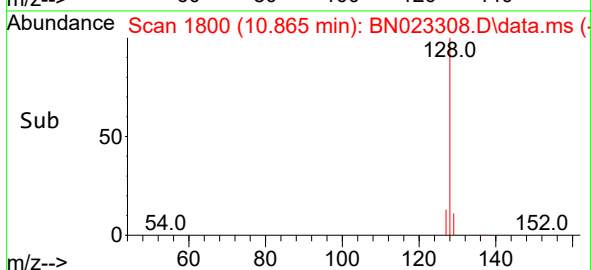
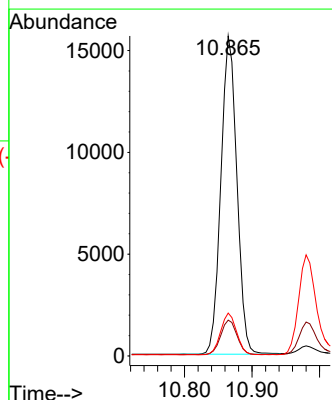
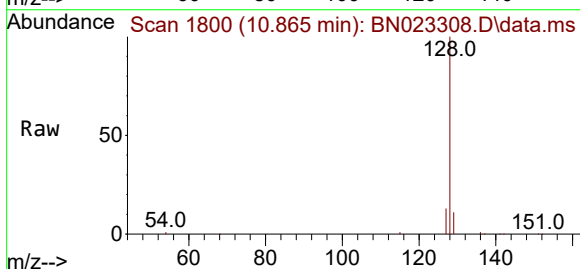
Tgt Ion: 128 Resp: 25719

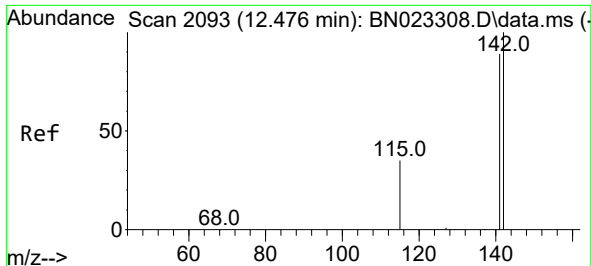
Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.4

127 13.4 10.7 16.1

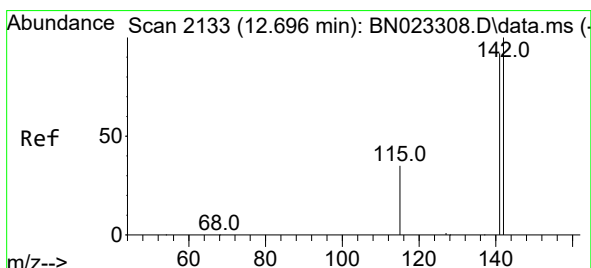
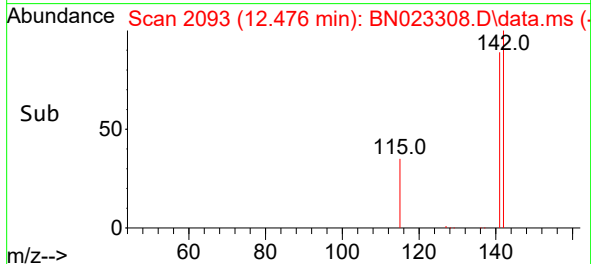
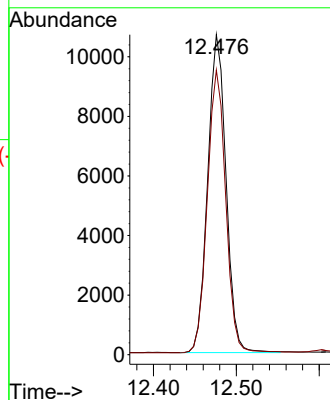
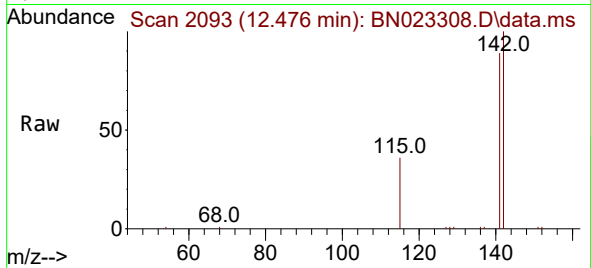




#7
2-Methylnaphthalene
Concen: 0.399 ng/ul
RT: 12.476 min Scan# 2093
Delta R.T. 0.000 min
Lab File: BN023308.D
Acq: 21 Dec 2022 10:47

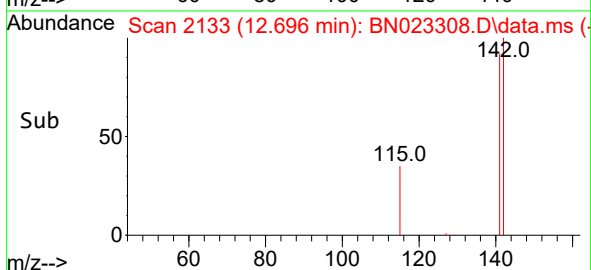
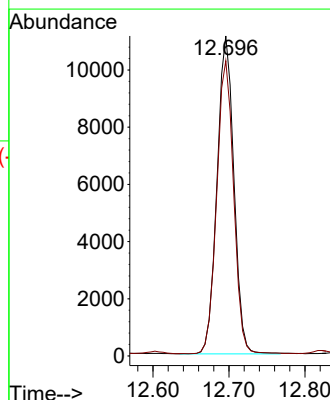
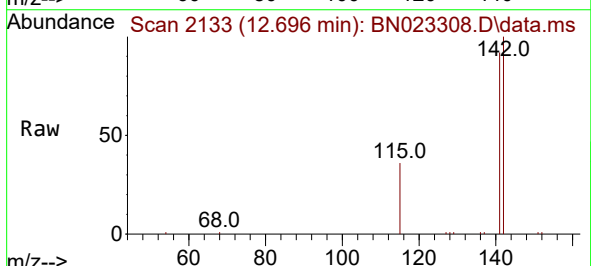
Instrument :
BNA_N
ClientSampleId :

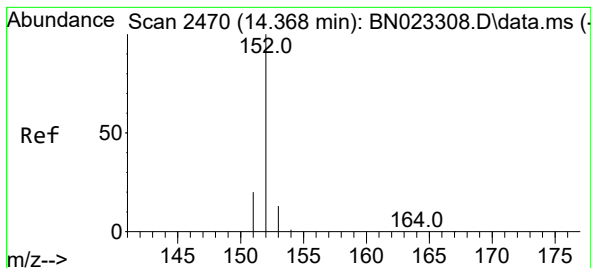
Tgt Ion:142 Resp: 16446
Ion Ratio Lower Upper
142 100
141 89.3 71.4 107.2



#8
1-Methylnaphthalene
Concen: 0.400 ng/ul
RT: 12.696 min Scan# 2133
Delta R.T. 0.000 min
Lab File: BN023308.D
Acq: 21 Dec 2022 10:47

Tgt Ion:142 Resp: 17075
Ion Ratio Lower Upper
142 100
141 92.5 74.0 111.0





#10

Acenaphthylene

Concen: 0.401 ng/ul

RT: 14.368 min Scan# 2470

Delta R.T. 0.000 min

Lab File: BN023308.D

Acq: 21 Dec 2022 10:47

Instrument :

BNA_N

ClientSampleId :

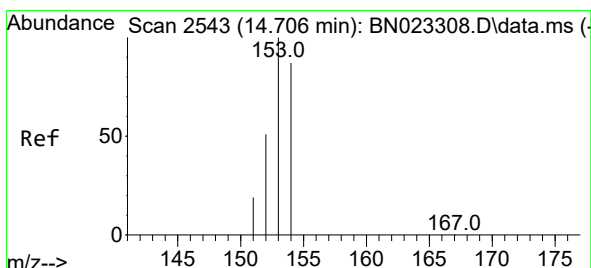
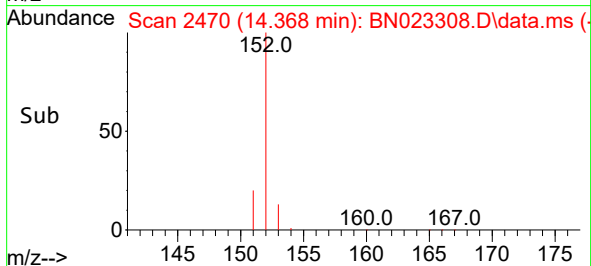
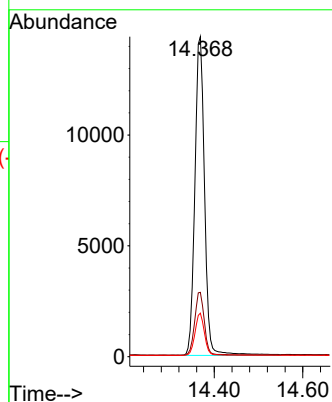
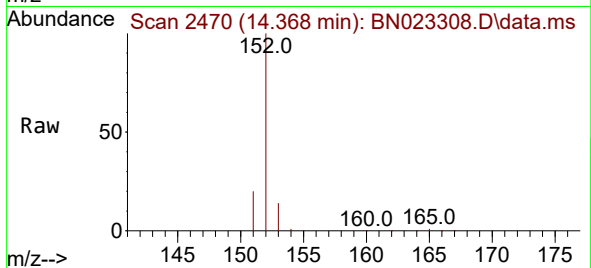
Tgt Ion:152 Resp: 21959

Ion Ratio Lower Upper

152 100

151 20.1 16.1 24.1

153 13.6 10.9 16.3



#11

Acenaphthene

Concen: 0.401 ng/ul

RT: 14.706 min Scan# 2543

Delta R.T. 0.000 min

Lab File: BN023308.D

Acq: 21 Dec 2022 10:47

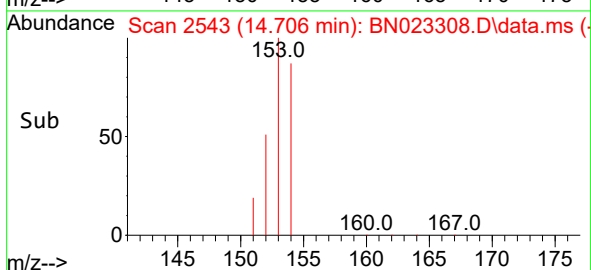
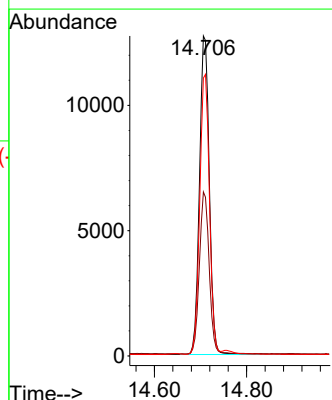
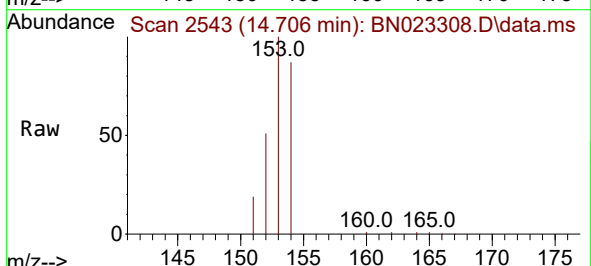
Tgt Ion:153 Resp: 18812

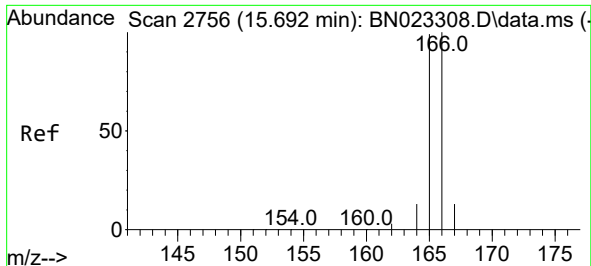
Ion Ratio Lower Upper

153 100

152 51.2 41.0 61.4

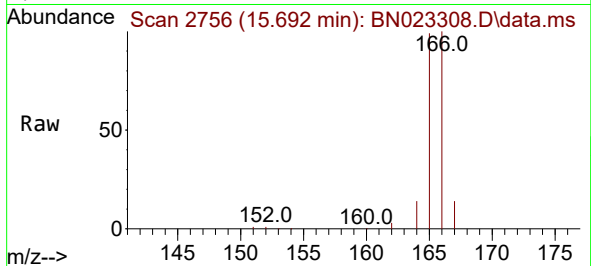
154 86.9 69.5 104.3



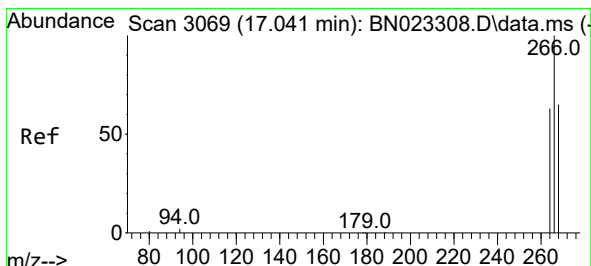
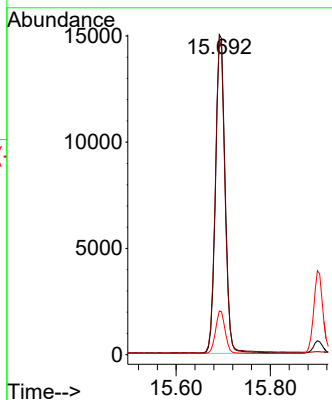


#12
Fluorene
Concen: 0.407 ng/ul
RT: 15.692 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN023308.D
Acq: 21 Dec 2022 10:47

Instrument :
BNA_N
ClientSampleId :

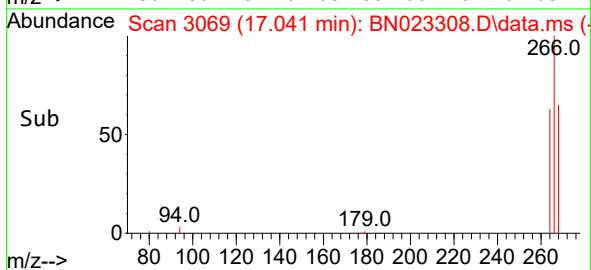
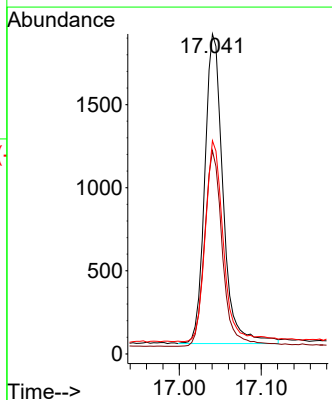
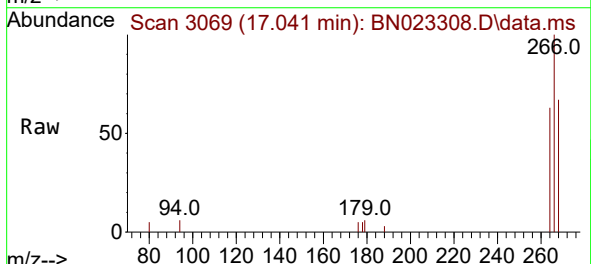


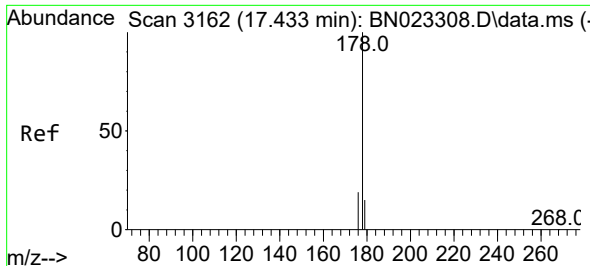
Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.9	79.1	118.7
167	13.7	11.0	16.4



#14
Pentachlorophenol
Concen: 0.422 ng/ul
RT: 17.041 min Scan# 3069
Delta R.T. 0.000 min
Lab File: BN023308.D
Acq: 21 Dec 2022 10:47

Tgt Ion	Ratio	Lower	Upper
266	100		
264	62.3	49.8	74.6
268	64.2	51.4	77.0

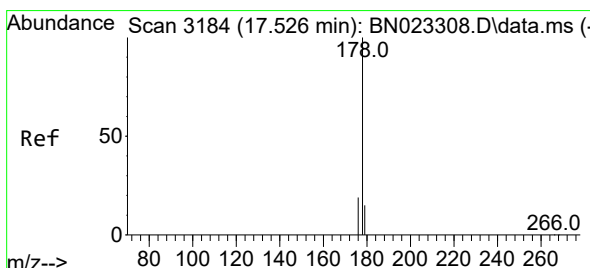
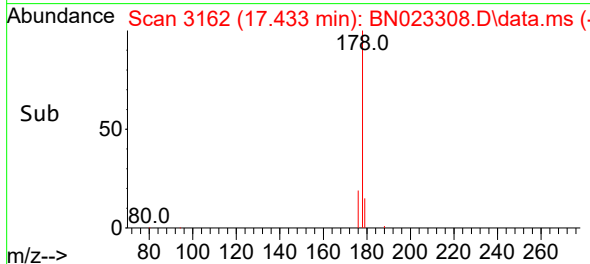
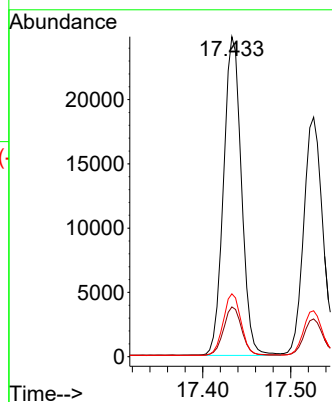
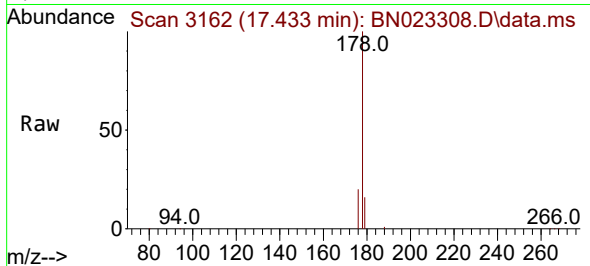




#15
Phenanthrene
Concen: 0.395 ng/ul
RT: 17.433 min Scan# 3162
Delta R.T. 0.000 min
Lab File: BN023308.D
Acq: 21 Dec 2022 10:47

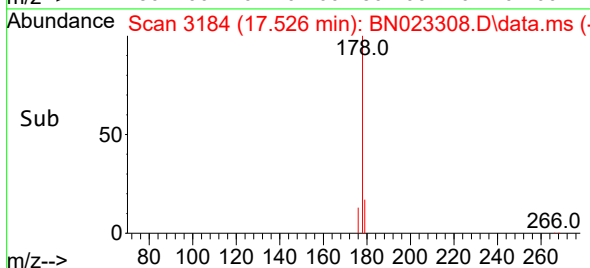
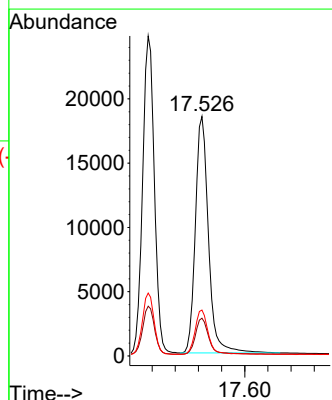
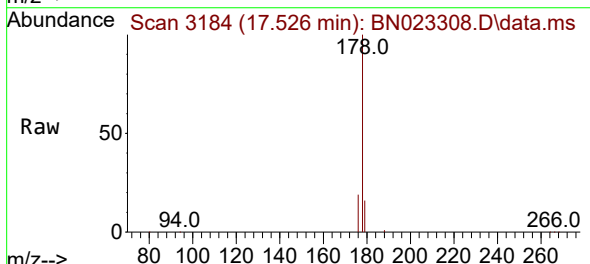
Instrument :
BNA_N
ClientSampleId :

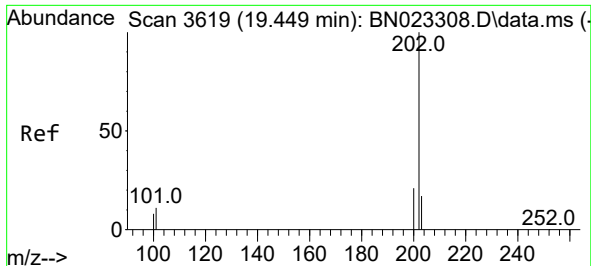
Tgt Ion:178 Resp: 35062
Ion Ratio Lower Upper
178 100
179 15.6 12.5 18.7
176 19.6 15.7 23.5



#16
Anthracene
Concen: 0.404 ng/ul
RT: 17.526 min Scan# 3184
Delta R.T. 0.000 min
Lab File: BN023308.D
Acq: 21 Dec 2022 10:47

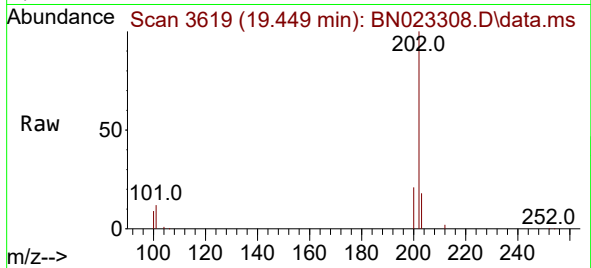
Tgt Ion:178 Resp: 28834
Ion Ratio Lower Upper
178 100
179 15.7 12.6 18.8
176 19.2 15.4 23.0



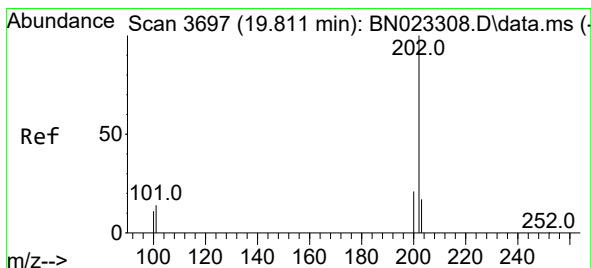
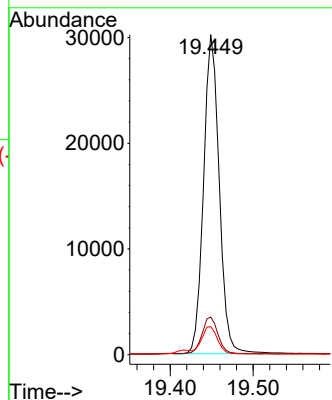
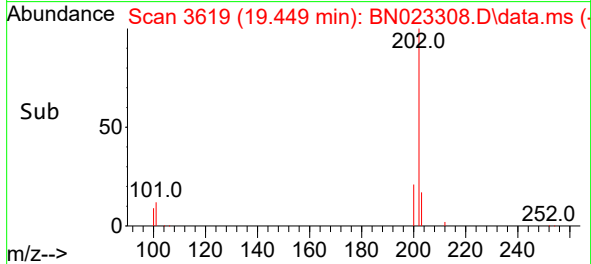


#19
Fluoranthene
Concen: 0.430 ng/ul
RT: 19.449 min Scan# 3619
Delta R.T. 0.000 min
Lab File: BN023308.D
Acq: 21 Dec 2022 10:47

Instrument :
BNA_N
ClientSampleId :

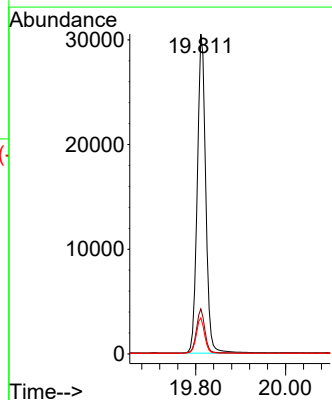
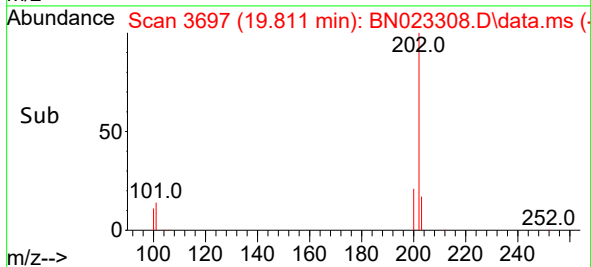
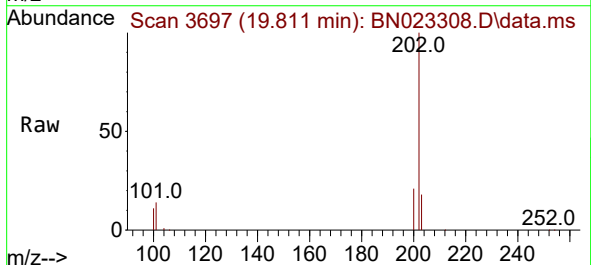


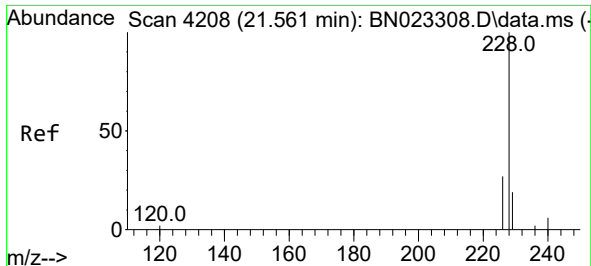
Tgt Ion:202 Resp: 39749
Ion Ratio Lower Upper
202 100
101 11.8 9.4 14.2
100 8.8 7.0 10.6



#20
Pyrene
Concen: 0.424 ng/ul
RT: 19.811 min Scan# 3697
Delta R.T. 0.000 min
Lab File: BN023308.D
Acq: 21 Dec 2022 10:47

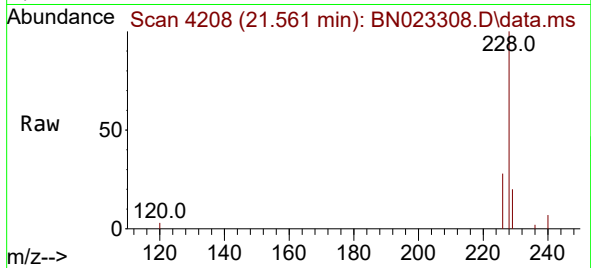
Tgt Ion:202 Resp: 40071
Ion Ratio Lower Upper
202 100
101 14.1 11.3 16.9
100 11.2 9.0 13.4



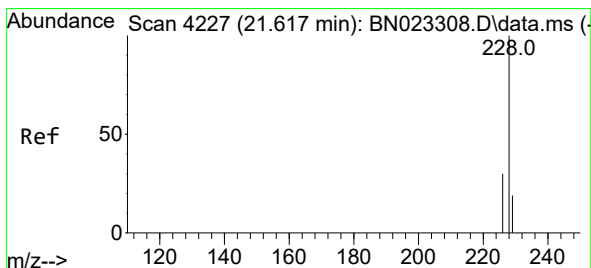
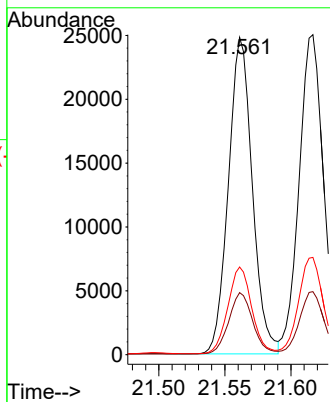
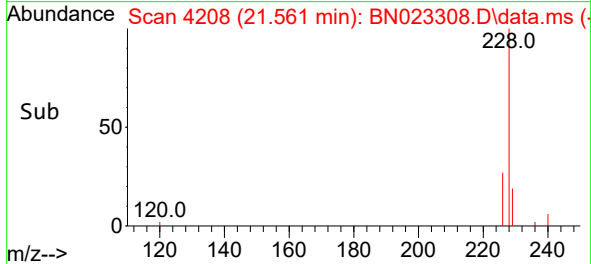


#21
Benzo(a)anthracene
Concen: 0.420 ng/ul
RT: 21.561 min Scan# 4208
Delta R.T. 0.000 min
Lab File: BN023308.D
Acq: 21 Dec 2022 10:47

Instrument :
BNA_N
ClientSampleId :

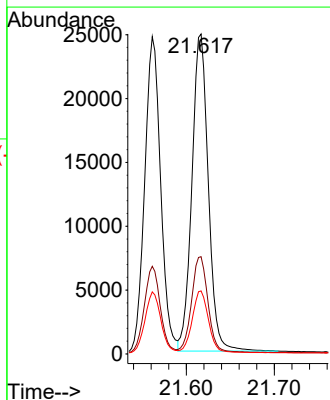
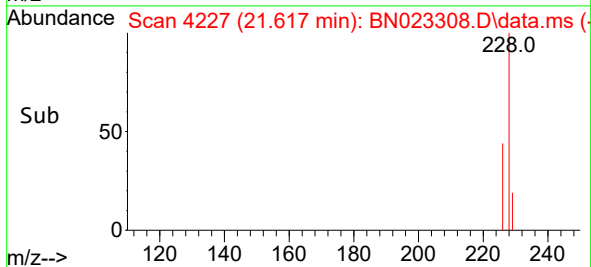
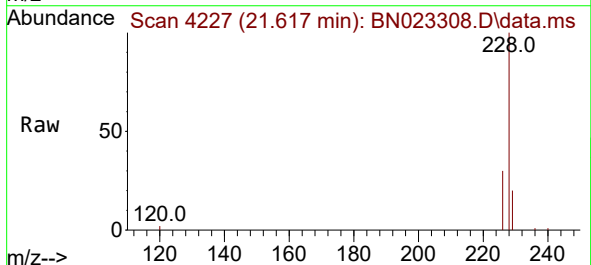


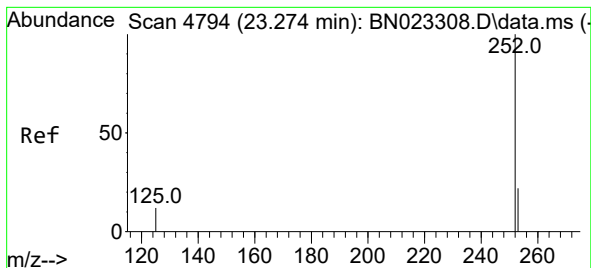
Tgt Ion:228 Resp: 31310
Ion Ratio Lower Upper
228 100
229 19.5 15.6 23.4
226 27.7 22.2 33.2



#22
Chrysene
Concen: 0.421 ng/ul
RT: 21.617 min Scan# 4227
Delta R.T. 0.000 min
Lab File: BN023308.D
Acq: 21 Dec 2022 10:47

Tgt Ion:228 Resp: 32217
Ion Ratio Lower Upper
228 100
226 30.4 24.3 36.5
229 19.7 15.8 23.6





#24

Benzo(b)fluoranthene

Concen: 0.402 ng/ul

RT: 23.274 min Scan# 4794

Delta R.T. 0.000 min

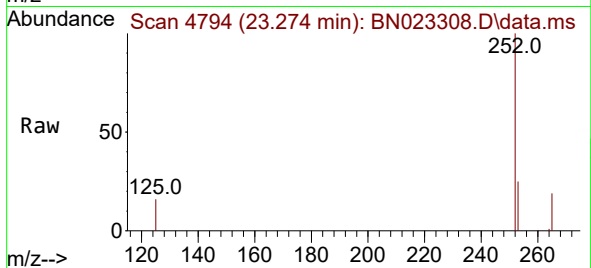
Lab File: BN023308.D

Acq: 21 Dec 2022 10:47

Instrument :

BNA_N

ClientSampleId :



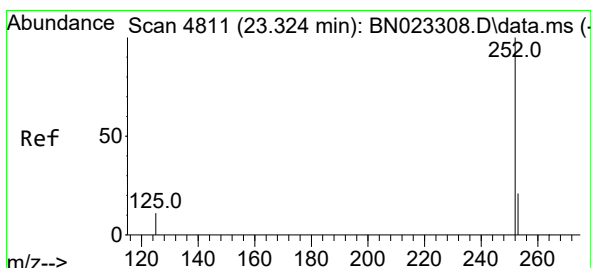
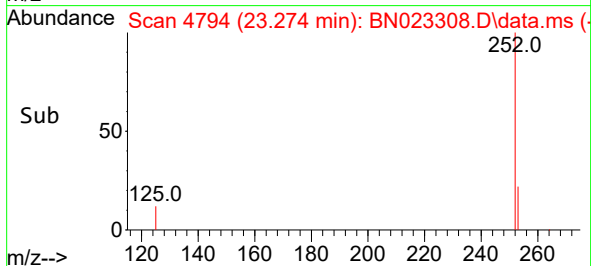
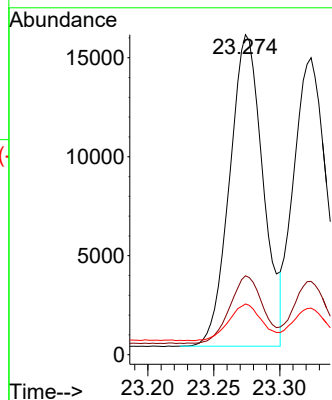
Tgt Ion:252 Resp: 27810

Ion Ratio Lower Upper

252 100

253 24.6 0.0 49.2

125 15.9 0.0 31.8



#25

Benzo(k)fluoranthene

Concen: 0.407 ng/ul

RT: 23.324 min Scan# 4811

Delta R.T. 0.000 min

Lab File: BN023308.D

Acq: 21 Dec 2022 10:47

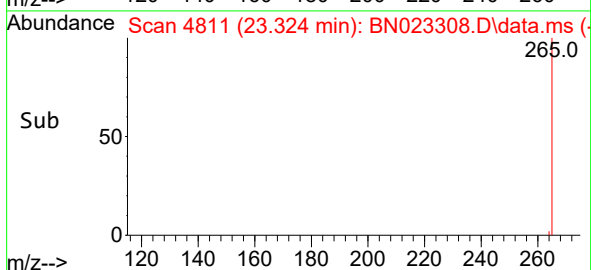
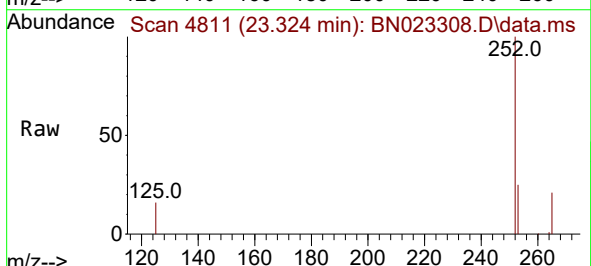
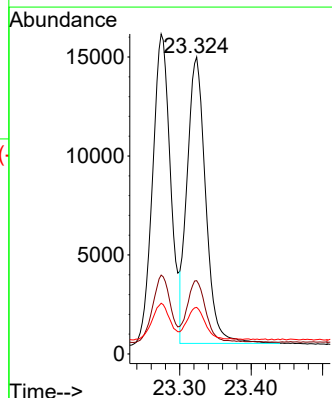
Tgt Ion:252 Resp: 26039

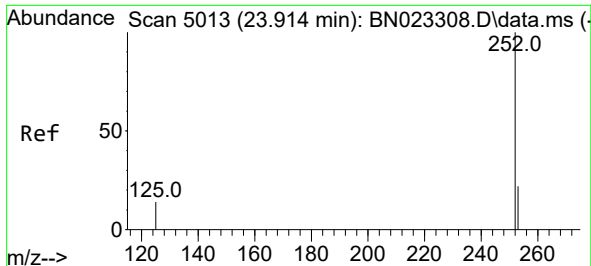
Ion Ratio Lower Upper

252 100

253 24.7 19.8 29.6

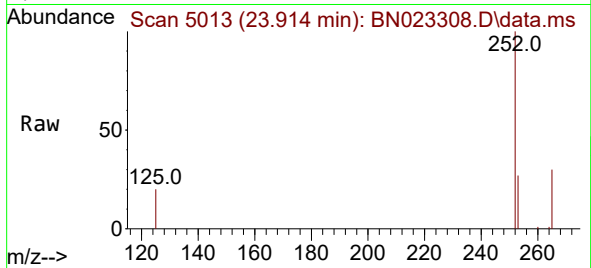
125 15.7 12.6 18.8



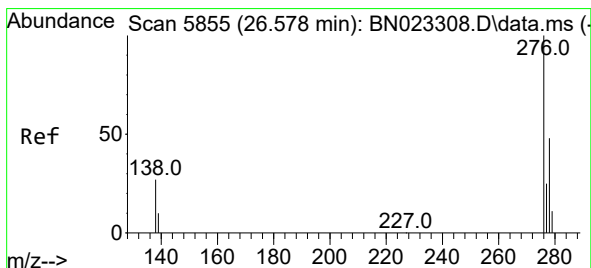
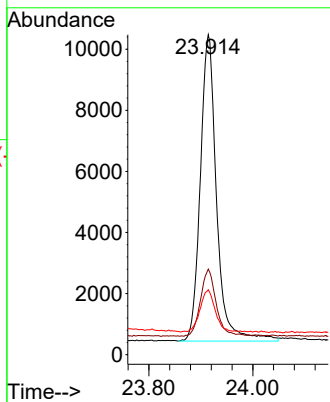
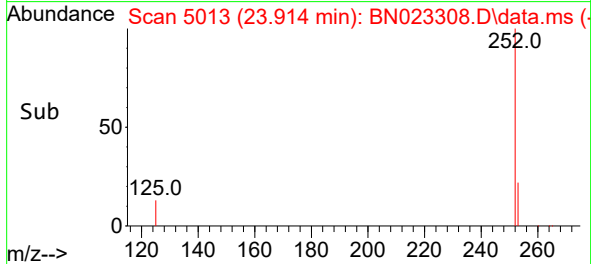


#26
Benzo(a)pyrene
Concen: 0.396 ng/ul
RT: 23.914 min Scan# 5013
Delta R.T. 0.000 min
Lab File: BN023308.D
Acq: 21 Dec 2022 10:47

Instrument :
BNA_N
ClientSampleId :

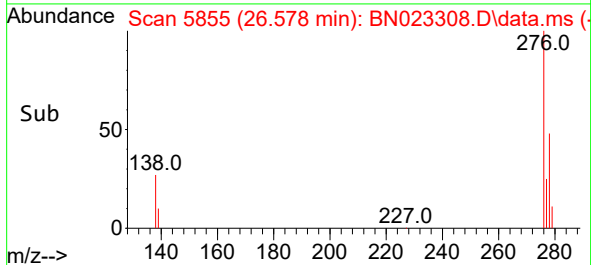
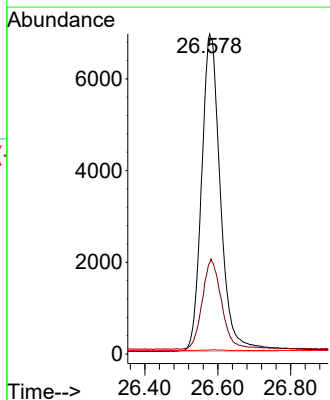
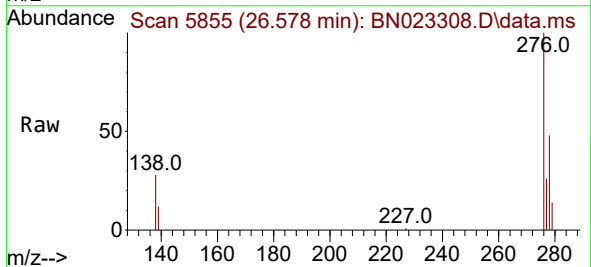


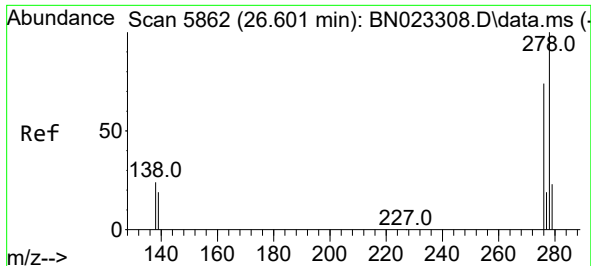
Tgt Ion:252 Resp: 21742
Ion Ratio Lower Upper
252 100
253 26.8 21.4 32.2
125 20.3 16.2 24.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.387 ng/ul
RT: 26.578 min Scan# 5855
Delta R.T. 0.000 min
Lab File: BN023308.D
Acq: 21 Dec 2022 10:47

Tgt Ion:276 Resp: 24823
Ion Ratio Lower Upper
276 100
138 29.3 23.4 35.2
227 0.0 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.394 ng/ul

RT: 26.601 min Scan# 5862

Delta R.T. 0.000 min

Lab File: BN023308.D

Acq: 21 Dec 2022 10:47

Instrument :

BNA_N

ClientSampleId :

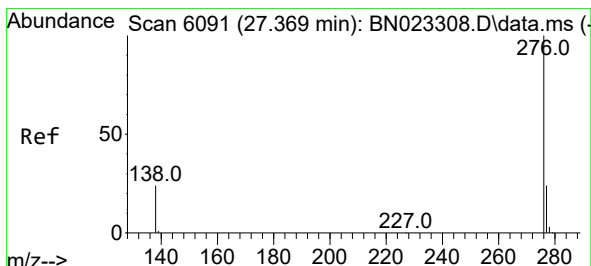
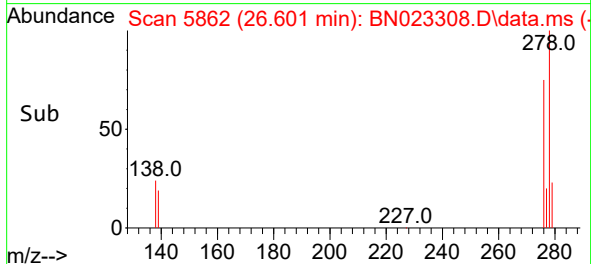
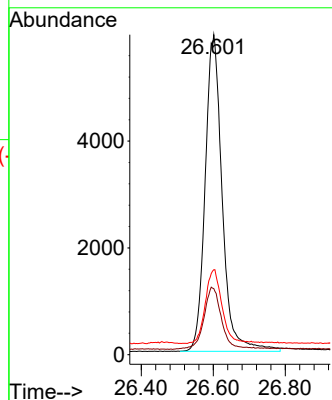
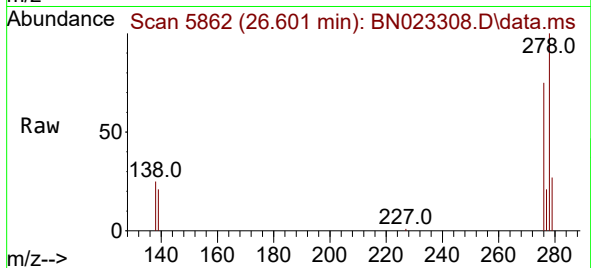
Tgt Ion:278 Resp: 19526

Ion Ratio Lower Upper

278 100

139 20.7 16.6 24.8

279 26.6 21.3 31.9



#29

Benzo(g,h,i)perylene

Concen: 0.400 ng/ul

RT: 27.369 min Scan# 6091

Delta R.T. 0.000 min

Lab File: BN023308.D

Acq: 21 Dec 2022 10:47

Tgt Ion:276 Resp: 21087

Ion Ratio Lower Upper

276 100

138 25.4 20.3 30.5

277 24.6 19.7 29.5

