

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122122\
 Data File : BN023310.D
 Acq On : 21 Dec 2022 12:00
 Operator : CG/JU
 Sample : SSTD1.662
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 21 12:35:08 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 12:12:45 2022
 Response via : Initial Calibration

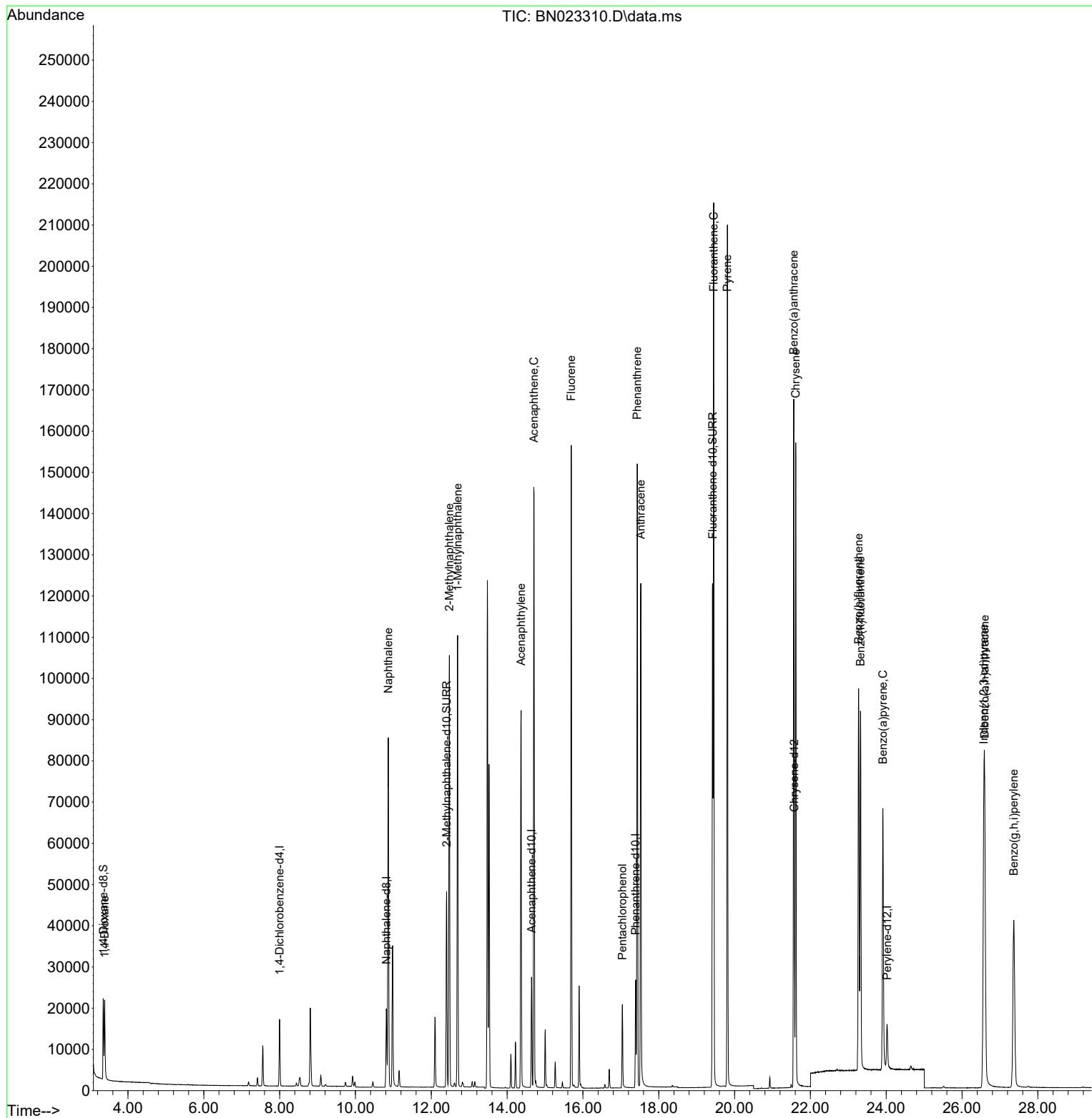
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	7849	0.400	ng/ul	0.00
4) Naphthalene-d8	10.815	136	24378	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.645	164	14088	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.390	188	29597	0.400	ng/ul	0.00
17) Chrysene-d12	21.575	240	23362	0.400	ng/ul	0.00
23) Perylene-d12	24.022	264	15384	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.349	96	12863	1.476	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.405	152	58850	1.551	ng/ul	0.00
18) Fluoranthene-d10	19.420	212	129215	1.513	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.387	88	12937	1.452	ng/ul#	92
5) Naphthalene	10.865	128	109983	1.522	ng/ul	99
7) 2-Methylnaphthalene	12.476	142	71568	1.554	ng/ul	100
8) 1-Methylnaphthalene	12.696	142	72869	1.532	ng/ul	100
10) Acenaphthylene	14.368	152	100960	1.621	ng/ul	99
11) Acenaphthene	14.706	153	81296	1.533	ng/ul	99
12) Fluorene	15.691	166	93701	1.580	ng/ul	99
14) Pentachlorophenol	17.040	266	13023	1.713	ng/ul	99
15) Phenanthrene	17.432	178	150434	1.552	ng/ul	99
16) Anthracene	17.525	178	132948	1.679	ng/ul	99
19) Fluoranthene	19.448	202	170102	1.478	ng/ul	99
20) Pyrene	19.811	202	167222	1.433	ng/ul	99
21) Benzo(a)anthracene	21.560	228	138349	1.502	ng/ul	100
22) Chrysene	21.613	228	135076	1.429	ng/ul	100
24) Benzo(b)fluoranthene	23.273	252	121804	1.514	ng/ul	94
25) Benzo(k)fluoranthene	23.320	252	117543	1.567	ng/ul#	94
26) Benzo(a)pyrene	23.914	252	96762	1.521	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.574	276	114001	1.538	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.597	278	89188	1.555	ng/ul	96
29) Benzo(g,h,i)perylene	27.365	276	91558	1.510	ng/ul	99

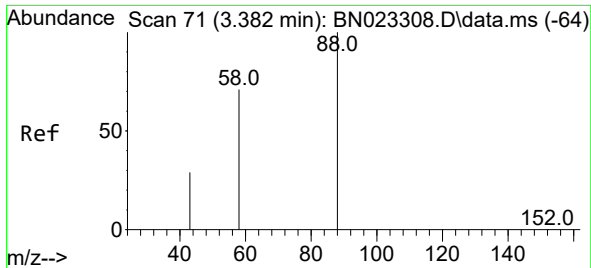
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122122\
Data File : BN023310.D
Acq On : 21 Dec 2022 12:00
Operator : CG/JU
Sample : SSTD1.662
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Dec 21 12:35:08 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 12:12:45 2022
Response via : Initial Calibration

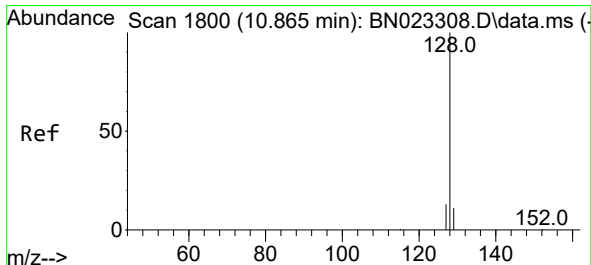
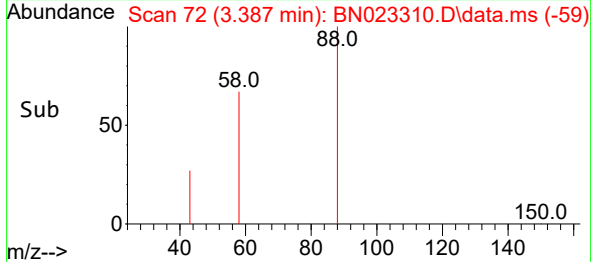
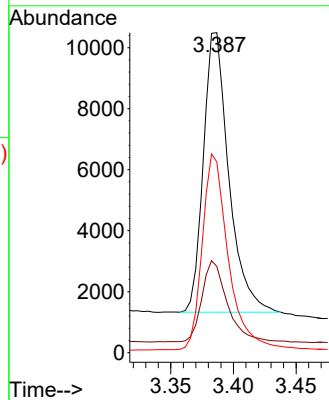
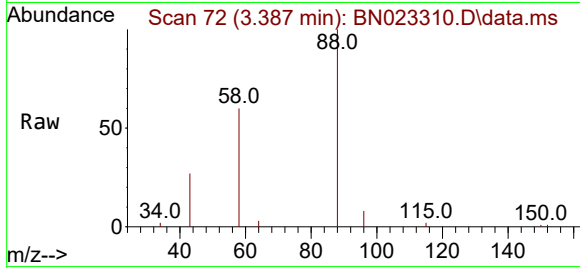




#2
1,4-Dioxane
Concen: 1.452 ng/ul
RT: 3.387 min Scan# 71
Delta R.T. 0.004 min
Lab File: BN023310.D
Acq: 21 Dec 2022 12:00

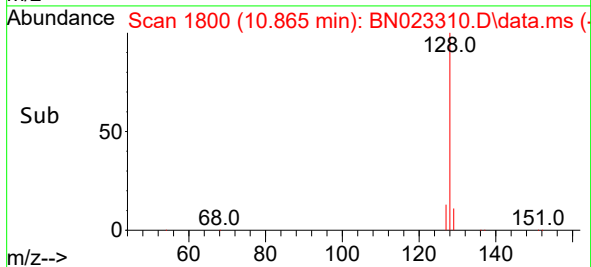
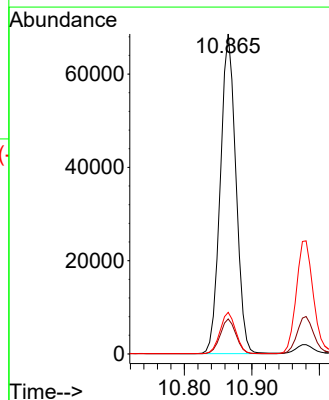
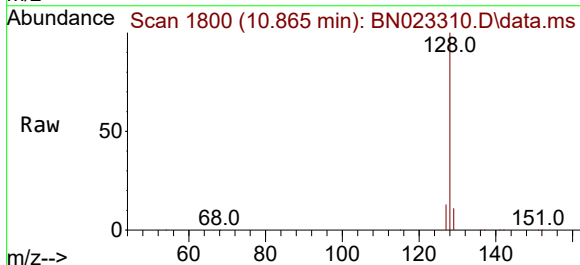
Instrument :
BNA_N
ClientSampleId :

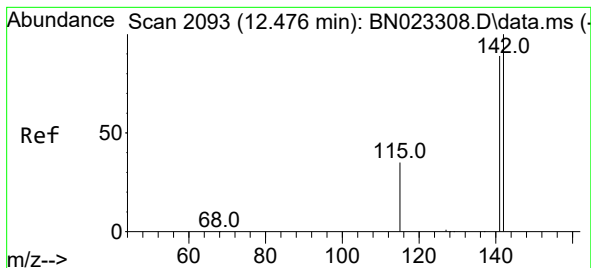
Tgt Ion: 88 Resp: 12937
Ion Ratio Lower Upper
88 100
43 26.9 28.4 42.6#
58 59.6 45.6 68.4



#5
Naphthalene
Concen: 1.522 ng/ul
RT: 10.865 min Scan# 1800
Delta R.T. 0.000 min
Lab File: BN023310.D
Acq: 21 Dec 2022 12:00

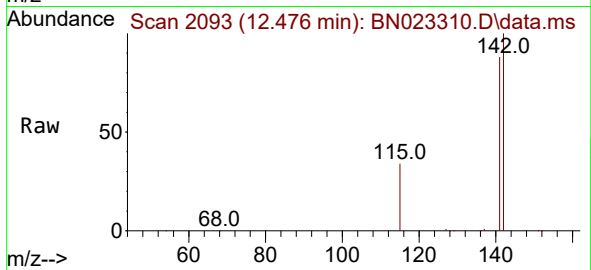
Tgt Ion:128 Resp: 109983
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.4
127 13.0 10.7 16.1



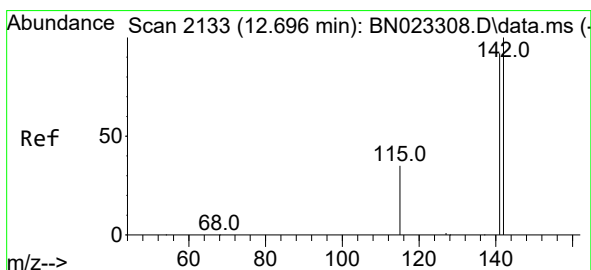
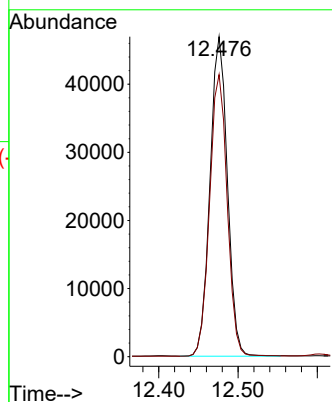
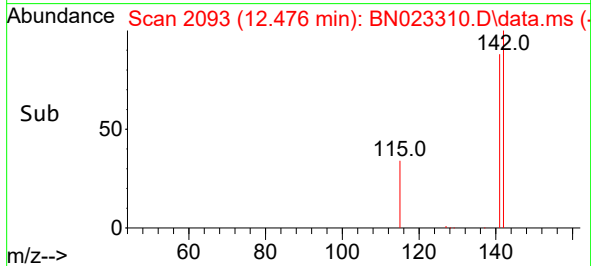


#7
2-Methylnaphthalene
Concen: 1.554 ng/ul
RT: 12.476 min Scan# 2093
Delta R.T. 0.000 min
Lab File: BN023310.D
Acq: 21 Dec 2022 12:00

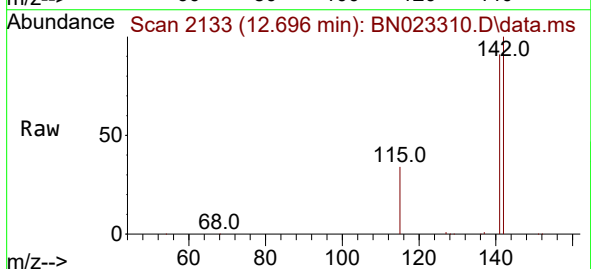
Instrument :
BNA_N
ClientSampleId :



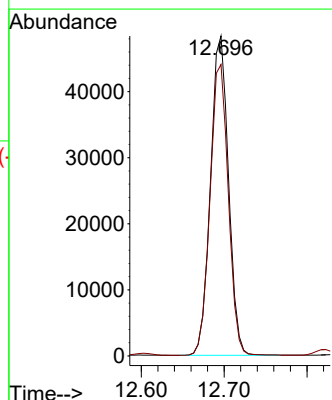
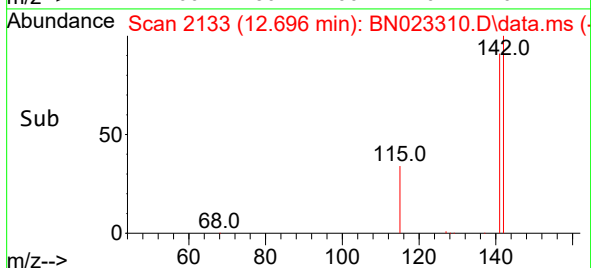
Tgt Ion:142 Resp: 71568
Ion Ratio Lower Upper
142 100
141 89.1 71.4 107.2

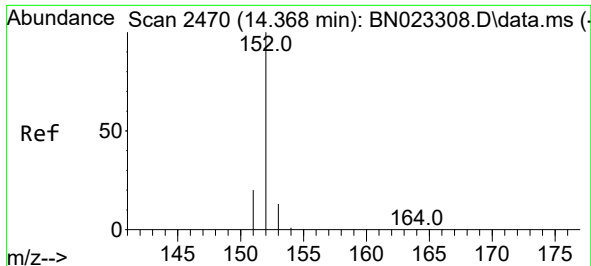


#8
1-Methylnaphthalene
Concen: 1.532 ng/ul
RT: 12.696 min Scan# 2133
Delta R.T. 0.000 min
Lab File: BN023310.D
Acq: 21 Dec 2022 12:00



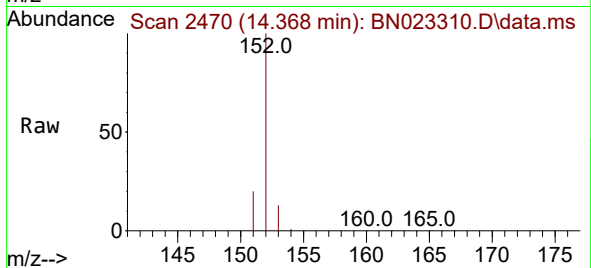
Tgt Ion:142 Resp: 72869
Ion Ratio Lower Upper
142 100
141 92.3 74.0 111.0



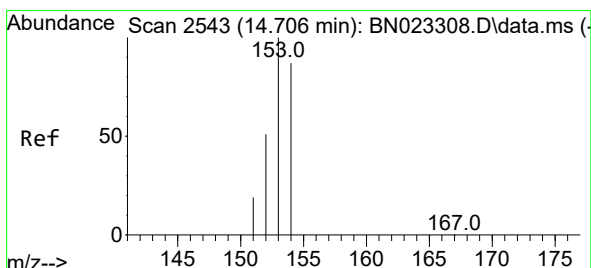
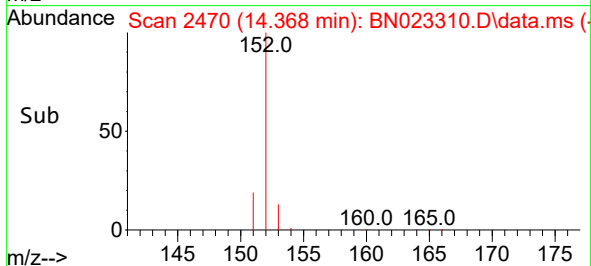
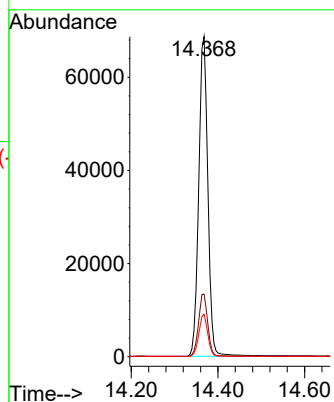


#10
Acenaphthylene
Concen: 1.621 ng/ul
RT: 14.368 min Scan# 2470
Delta R.T. -0.001 min
Lab File: BN023310.D
Acq: 21 Dec 2022 12:00

Instrument :
BNA_N
ClientSampleId :

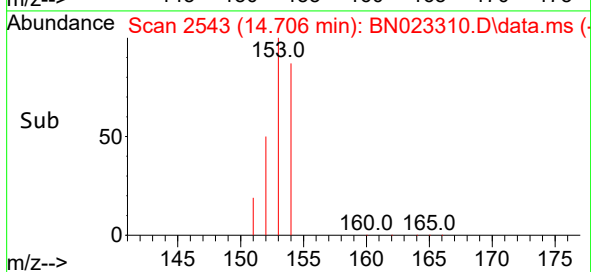
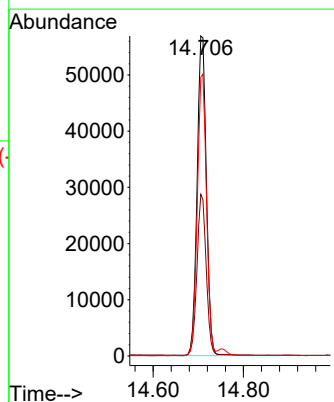
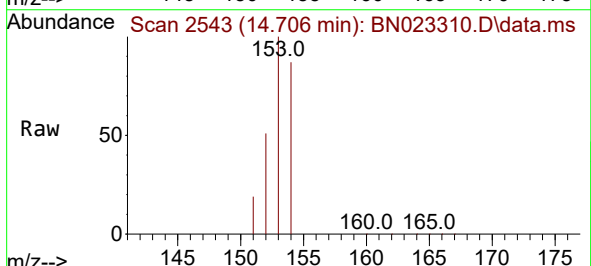


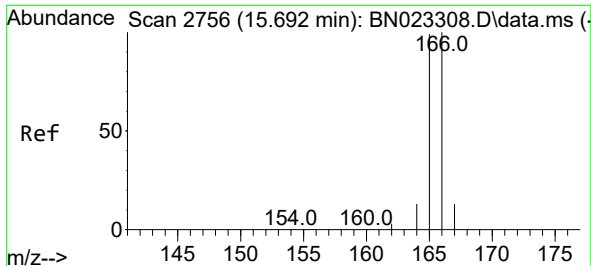
Tgt Ion:152 Resp: 100960
Ion Ratio Lower Upper
152 100
151 19.6 16.1 24.1
153 13.2 10.9 16.3



#11
Acenaphthene
Concen: 1.533 ng/ul
RT: 14.706 min Scan# 2543
Delta R.T. -0.001 min
Lab File: BN023310.D
Acq: 21 Dec 2022 12:00

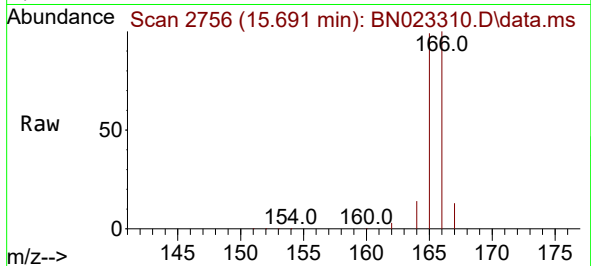
Tgt Ion:153 Resp: 81296
Ion Ratio Lower Upper
153 100
152 50.5 41.0 61.4
154 87.1 69.5 104.3



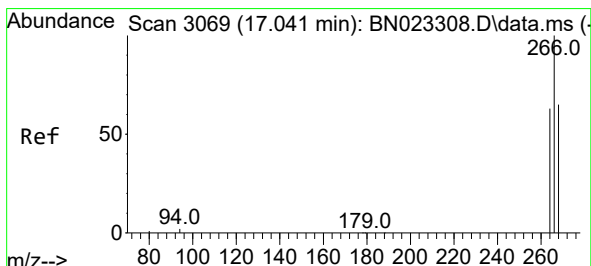
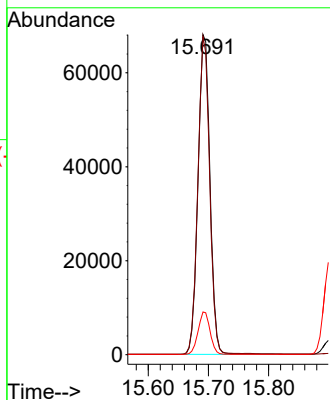
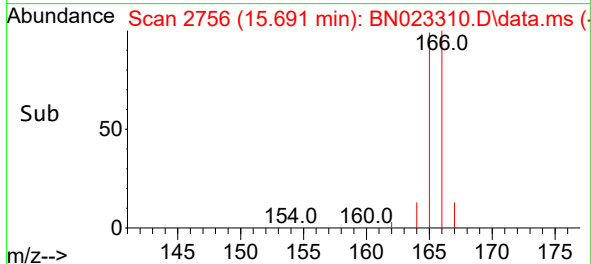


#12
Fluorene
Concen: 1.580 ng/ul
RT: 15.691 min Scan# 21
Delta R.T. -0.001 min
Lab File: BN023310.D
Acq: 21 Dec 2022 12:00

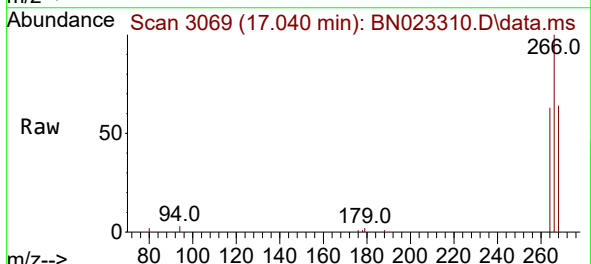
Instrument :
BNA_N
ClientSampleId :



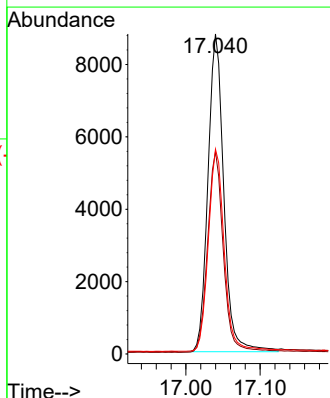
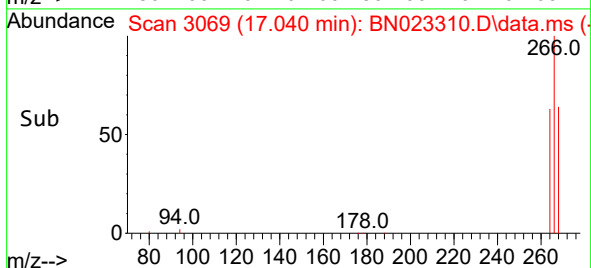
Tgt Ion:166 Resp: 93701
Ion Ratio Lower Upper
166 100
165 99.4 79.1 118.7
167 13.4 11.0 16.4

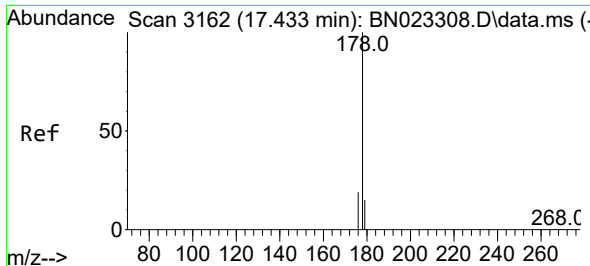


#14
Pentachlorophenol
Concen: 1.713 ng/ul
RT: 17.040 min Scan# 3069
Delta R.T. -0.001 min
Lab File: BN023310.D
Acq: 21 Dec 2022 12:00



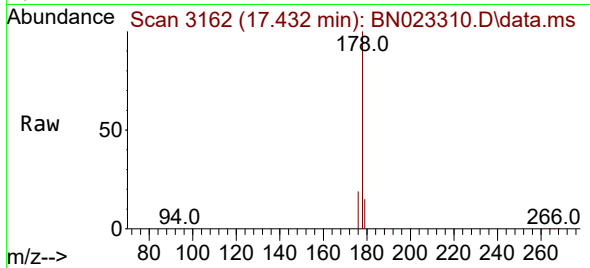
Tgt Ion:266 Resp: 13023
Ion Ratio Lower Upper
266 100
264 62.8 49.8 74.6
268 63.9 51.4 77.0



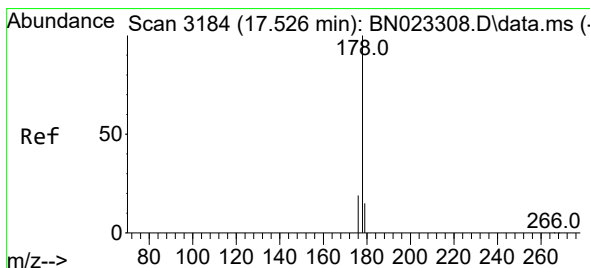
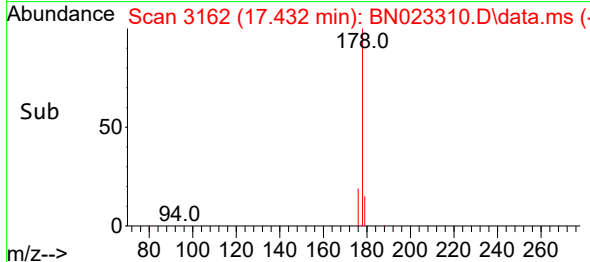
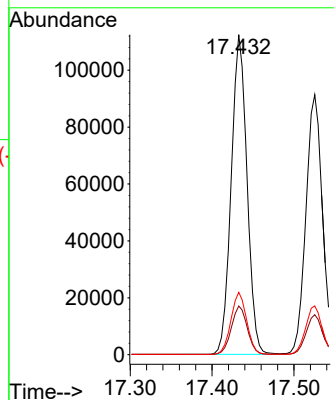


#15
Phenanthrene
Concen: 1.552 ng/ul
RT: 17.432 min Scan# 3162
Delta R.T. -0.001 min
Lab File: BN023310.D
Acq: 21 Dec 2022 12:00

Instrument :
BNA_N
ClientSampleId :

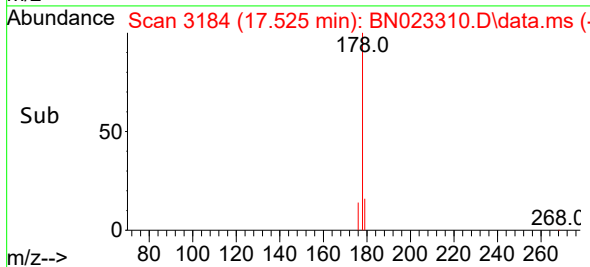
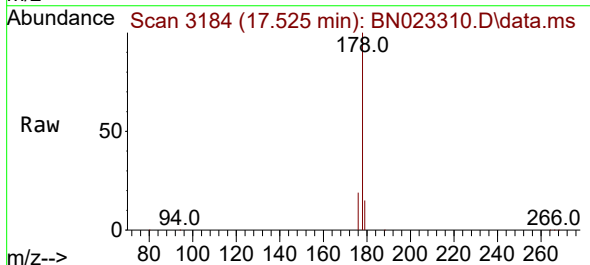
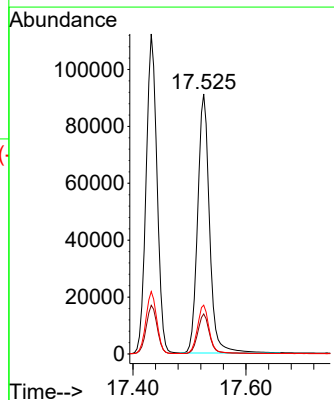


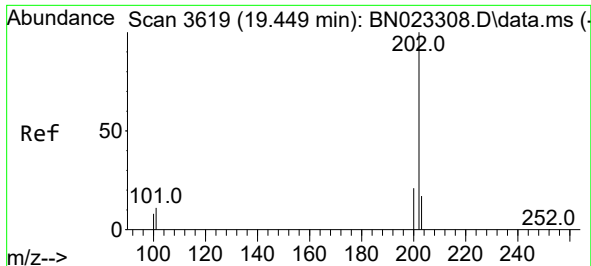
Tgt Ion:178 Resp: 150434
Ion Ratio Lower Upper
178 100
179 15.2 12.5 18.7
176 19.5 15.7 23.5



#16
Anthracene
Concen: 1.679 ng/ul
RT: 17.525 min Scan# 3184
Delta R.T. -0.001 min
Lab File: BN023310.D
Acq: 21 Dec 2022 12:00

Tgt Ion:178 Resp: 132948
Ion Ratio Lower Upper
178 100
179 15.4 12.6 18.8
176 18.8 15.4 23.0

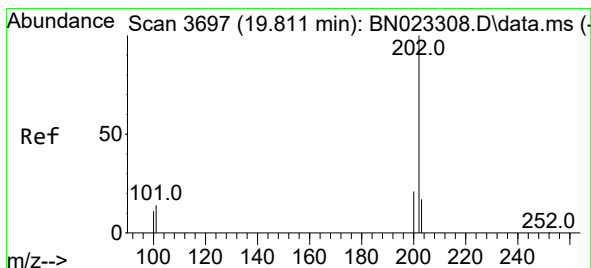
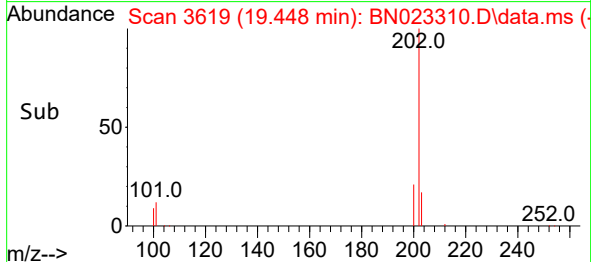
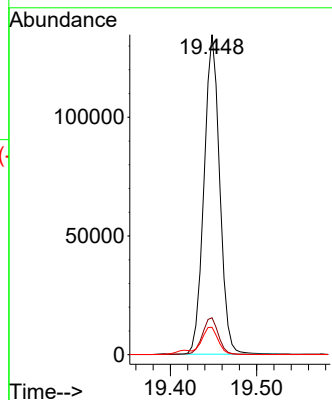
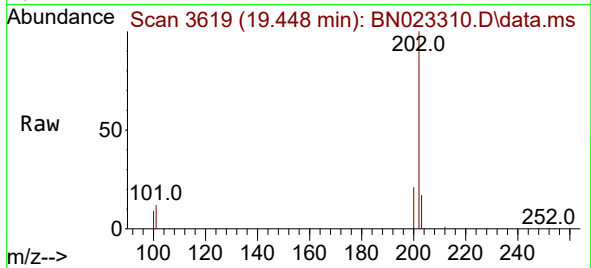




#19
Fluoranthene
Concen: 1.478 ng/ul
RT: 19.448 min Scan# 3619
Delta R.T. -0.001 min
Lab File: BN023310.D
Acq: 21 Dec 2022 12:00

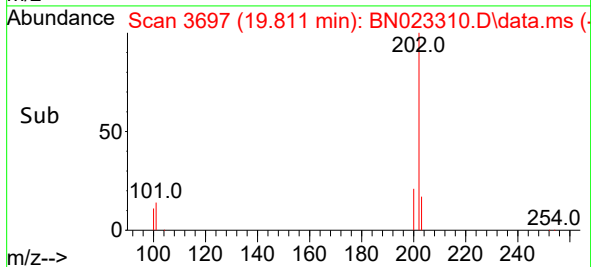
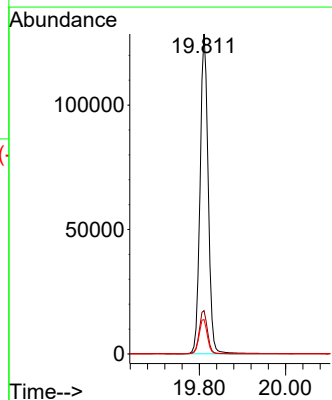
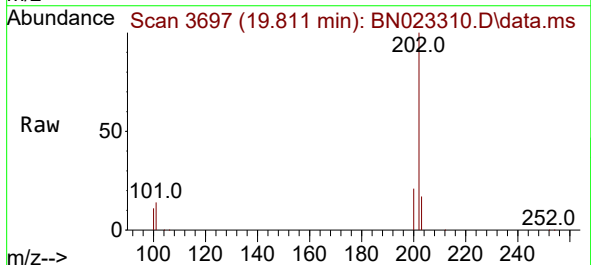
Instrument :
BNA_N
ClientSampleId :

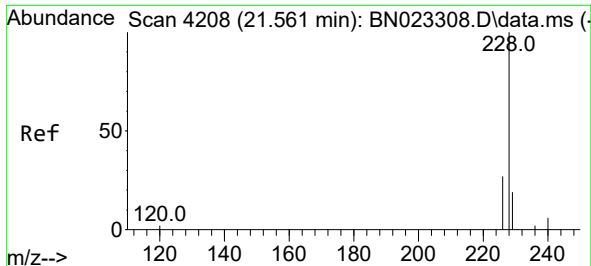
Tgt Ion:202 Resp: 170102
Ion Ratio Lower Upper
202 100
101 11.6 9.4 14.2
100 8.6 7.0 10.6



#20
Pyrene
Concen: 1.433 ng/ul
RT: 19.811 min Scan# 3697
Delta R.T. -0.001 min
Lab File: BN023310.D
Acq: 21 Dec 2022 12:00

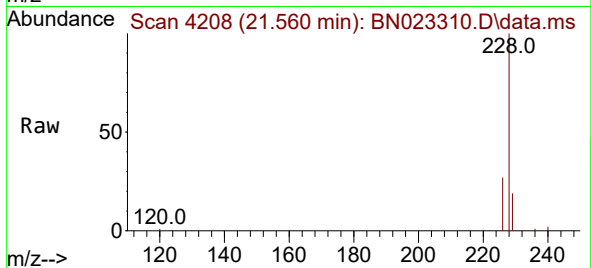
Tgt Ion:202 Resp: 167222
Ion Ratio Lower Upper
202 100
101 13.6 11.3 16.9
100 10.8 9.0 13.4



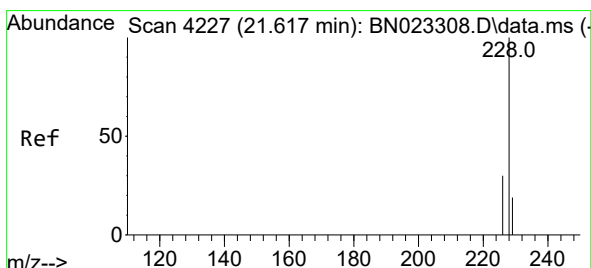
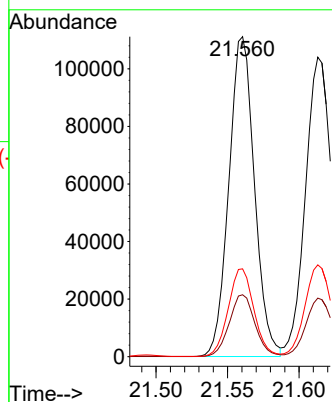
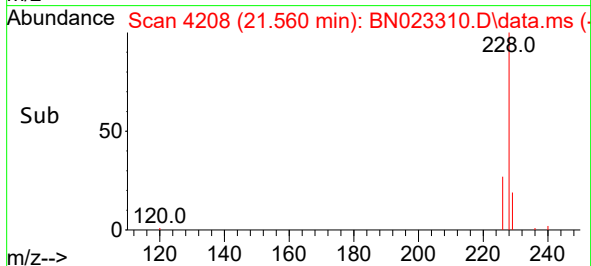


#21
Benzo(a)anthracene
Concen: 1.502 ng/ul
RT: 21.560 min Scan# 41
Delta R.T. -0.001 min
Lab File: BN023310.D
Acq: 21 Dec 2022 12:00

Instrument :
BNA_N
ClientSampleId :

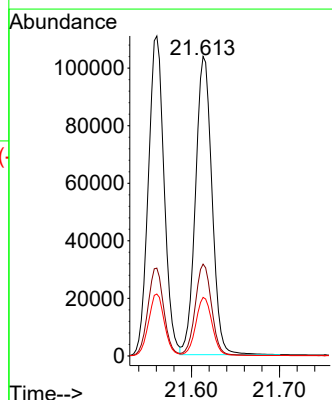
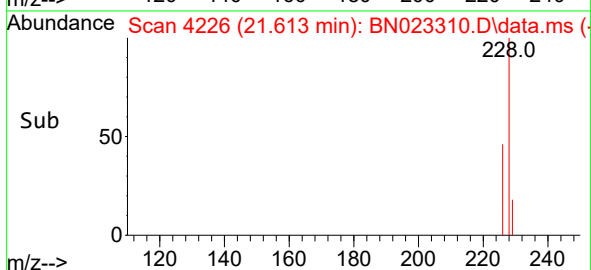
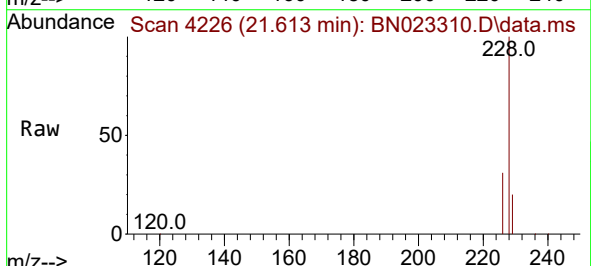


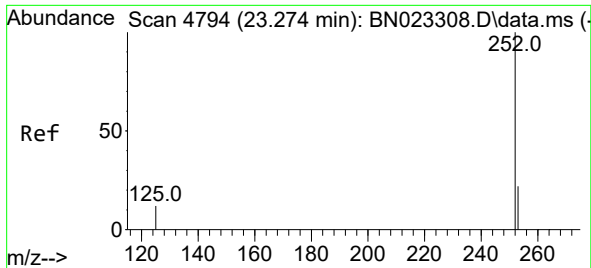
Tgt Ion:228 Resp: 138349
Ion Ratio Lower Upper
228 100
229 19.4 15.6 23.4
226 27.4 22.2 33.2



#22
Chrysene
Concen: 1.429 ng/ul
RT: 21.613 min Scan# 4226
Delta R.T. -0.004 min
Lab File: BN023310.D
Acq: 21 Dec 2022 12:00

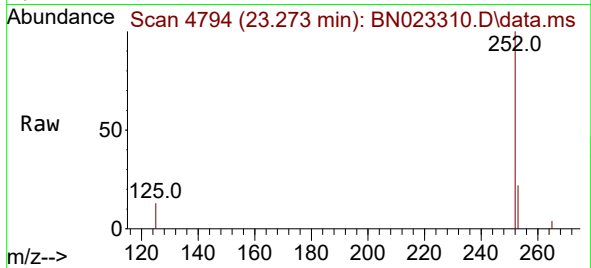
Tgt Ion:228 Resp: 135076
Ion Ratio Lower Upper
228 100
226 30.7 24.3 36.5
229 19.5 15.8 23.6



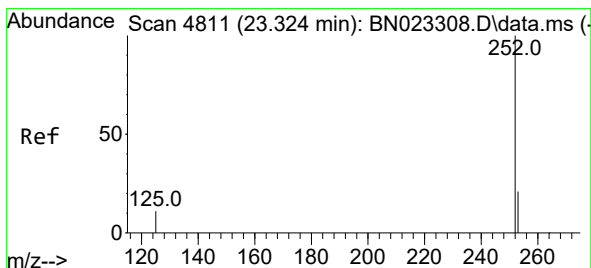
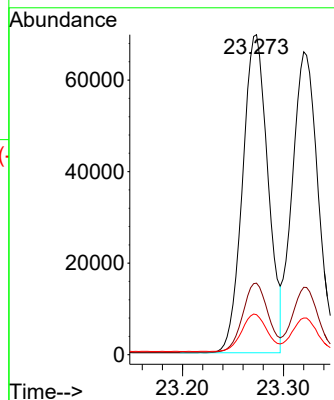


#24
Benzo(b)fluoranthene
Concen: 1.514 ng/ul
RT: 23.273 min Scan# 4794
Delta R.T. -0.001 min
Lab File: BN023310.D
Acq: 21 Dec 2022 12:00

Instrument :
BNA_N
ClientSampleId :

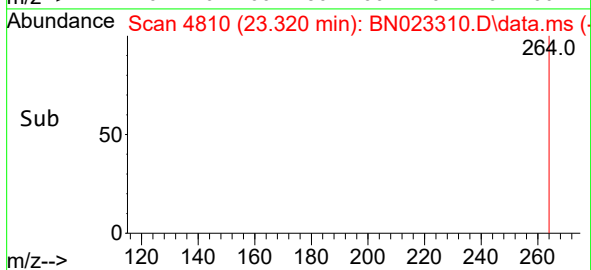
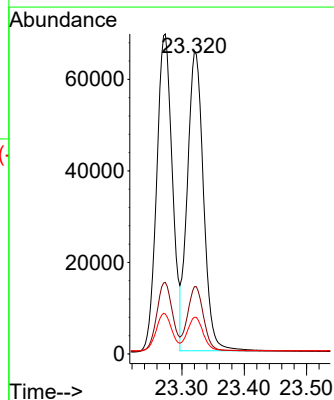
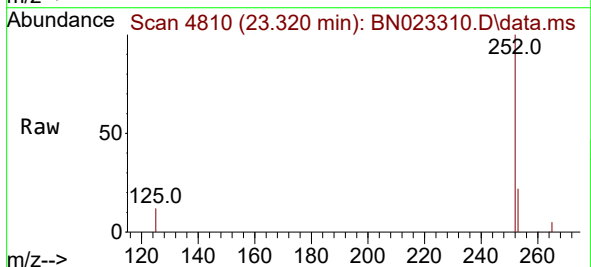


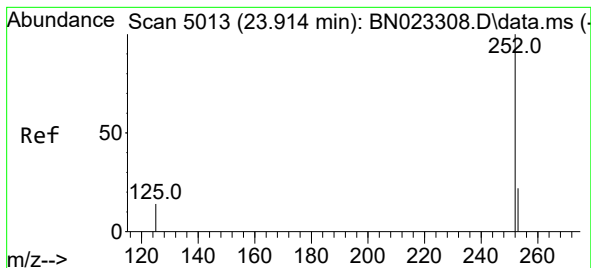
Tgt Ion:252 Resp: 121804
Ion Ratio Lower Upper
252 100
253 22.3 0.0 49.2
125 12.5 0.0 31.8



#25
Benzo(k)fluoranthene
Concen: 1.567 ng/ul
RT: 23.320 min Scan# 4810
Delta R.T. -0.004 min
Lab File: BN023310.D
Acq: 21 Dec 2022 12:00

Tgt Ion:252 Resp: 117543
Ion Ratio Lower Upper
252 100
253 22.3 19.8 29.6
125 12.1 12.6 18.8#





#26

Benzo(a)pyrene

Concen: 1.521 ng/ul

RT: 23.914 min Scan# 5013

Delta R.T. -0.001 min

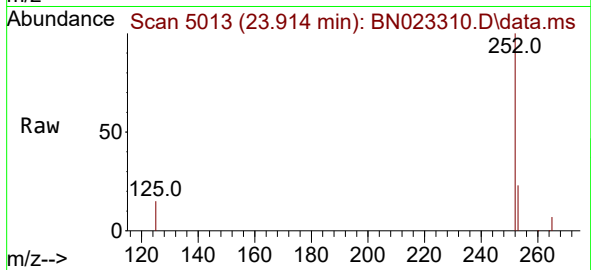
Lab File: BN023310.D

Acq: 21 Dec 2022 12:00

Instrument :

BNA_N

ClientSampleId :



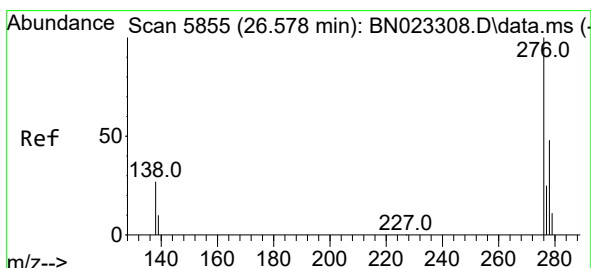
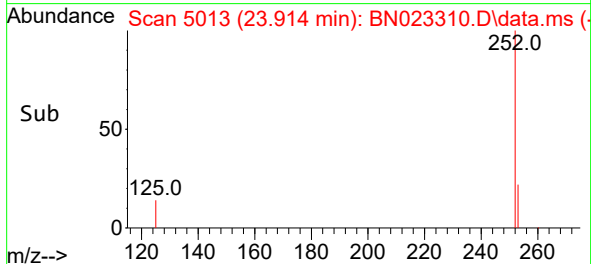
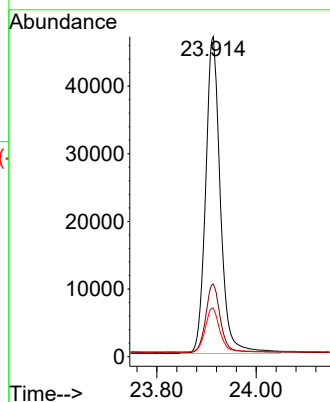
Tgt Ion:252 Resp: 96762

Ion Ratio Lower Upper

252 100

253 22.7 21.4 32.2

125 15.2 16.2 24.4#



#27

Indeno(1,2,3-cd)pyrene

Concen: 1.538 ng/ul

RT: 26.574 min Scan# 5854

Delta R.T. -0.004 min

Lab File: BN023310.D

Acq: 21 Dec 2022 12:00

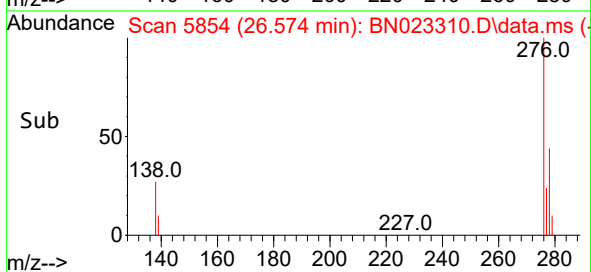
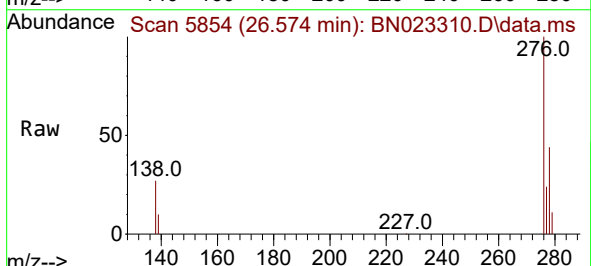
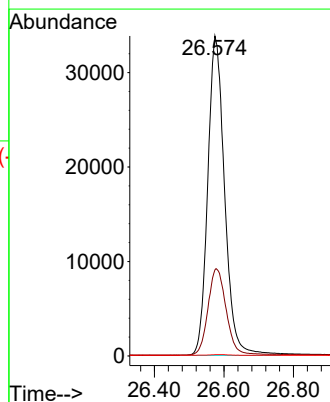
Tgt Ion:276 Resp: 114001

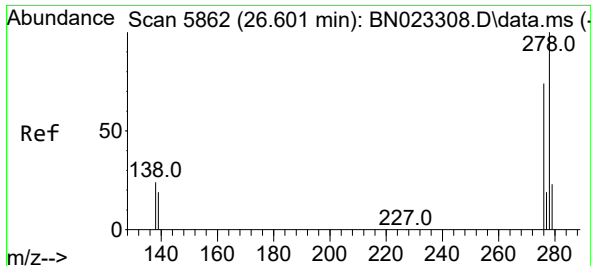
Ion Ratio Lower Upper

276 100

138 29.2 23.4 35.2

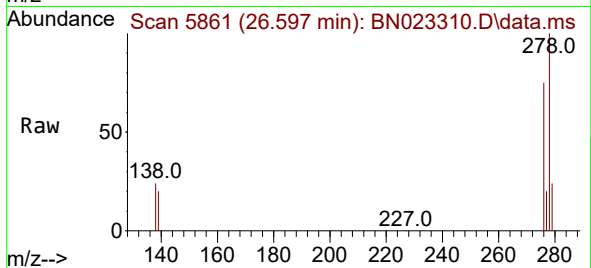
227 0.2 0.0 0.0#



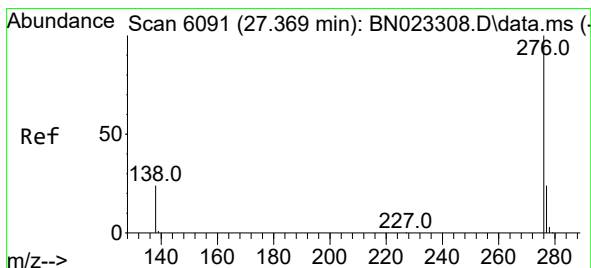
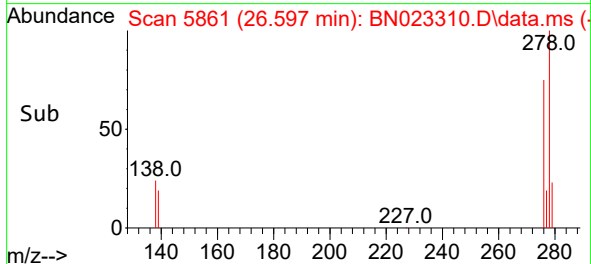
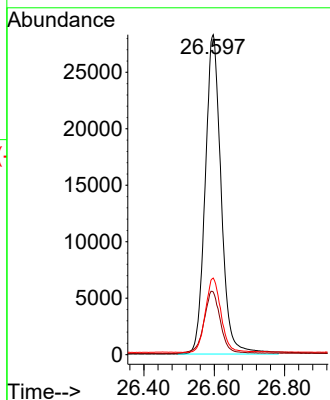


#28
Dibenzo(a,h)anthracene
Concen: 1.555 ng/ul
RT: 26.597 min Scan# 5861
Delta R.T. -0.004 min
Lab File: BN023310.D
Acq: 21 Dec 2022 12:00

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:278 Resp: 89188
Ion Ratio Lower Upper
278 100
139 19.6 16.6 24.8
279 23.9 21.3 31.9



#29
Benzo(g,h,i)perylene
Concen: 1.510 ng/ul
RT: 27.365 min Scan# 6090
Delta R.T. -0.004 min
Lab File: BN023310.D
Acq: 21 Dec 2022 12:00

Tgt Ion:276 Resp: 91558
Ion Ratio Lower Upper
276 100
138 25.2 20.3 30.5
277 23.8 19.7 29.5

