

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121322\
 Data File : BN023198.D
 Acq On : 14 Dec 2022 12:36
 Operator : CG/JU
 Sample : N5948-10MSD
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 14 23:19:52 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN112622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 13 23:52:47 2022
 Response via : Initial Calibration

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

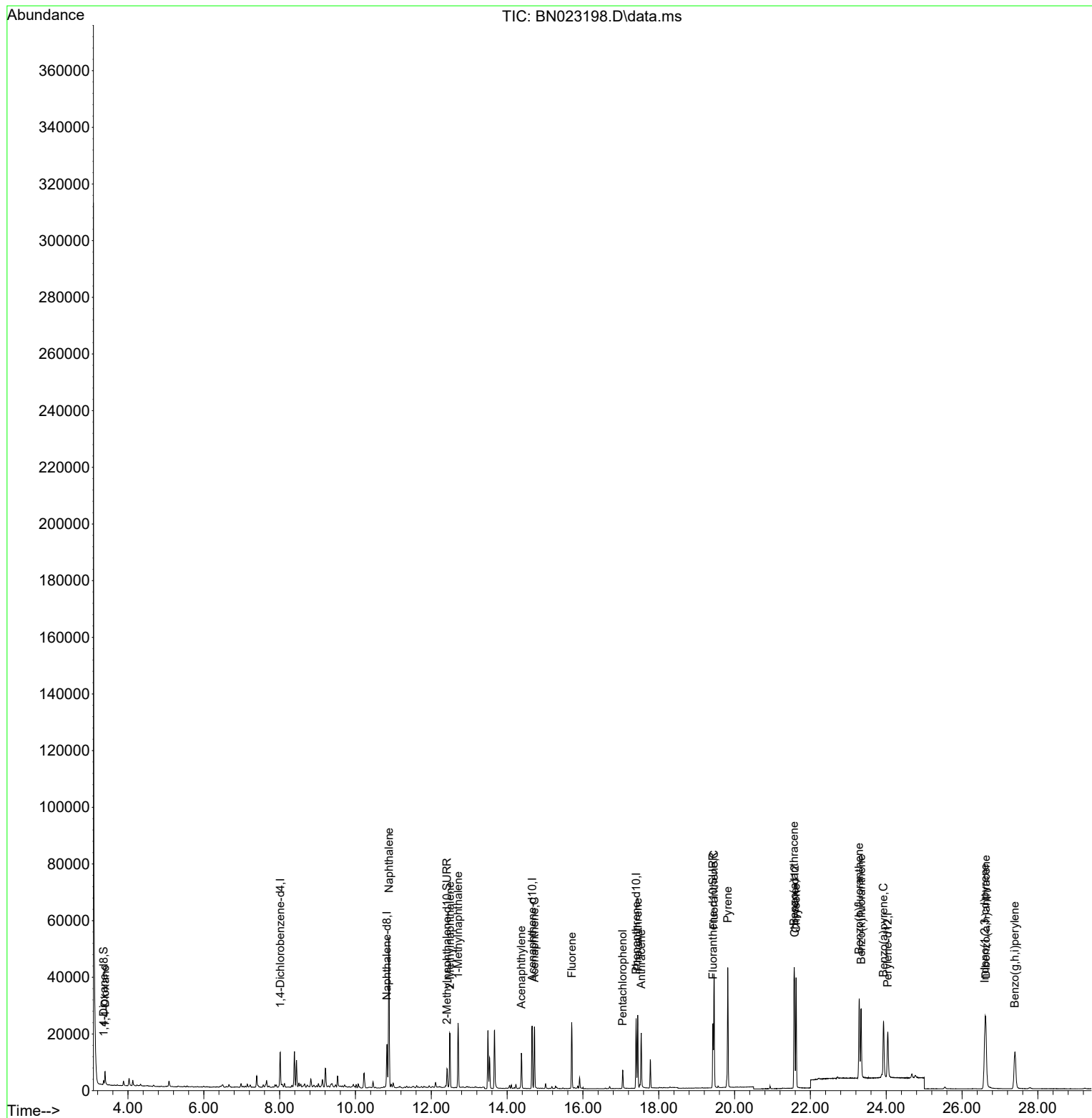
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.015	152	6088	0.400	ng/ul	0.00
4) Naphthalene-d8	10.832	136	19885	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.659	164	11817	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.403	188	27096	0.400	ng/ul	0.00
17) Chrysene-d12	21.584	240	26296	0.400	ng/ul	0.00
23) Perylene-d12	24.042	264	22764	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.357	96	1027	0.141	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.416	152	8370	0.276	ng/ul	0.00
18) Fluoranthene-d10	19.429	212	23603	0.243	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.395	88	3468	0.455	ng/ul	94
5) Naphthalene	10.881	128	69021	1.144	ng/ul	99
7) 2-Methylnaphthalene	12.492	142	13505	0.358	ng/ul	99
8) 1-Methylnaphthalene	12.707	142	14895	0.388	ng/ul	100
10) Acenaphthylene	14.377	152	14093	0.242	ng/ul	99
11) Acenaphthene	14.719	153	12147	0.263	ng/ul	99
12) Fluorene	15.705	166	14588	0.279	ng/ul	99
14) Pentachlorophenol	17.048	266	4171	0.736	ng/ul#	100
15) Phenanthrene	17.445	178	26145	0.281	ng/ul	99
16) Anthracene	17.538	178	21633	0.271	ng/ul	100
19) Fluoranthene	19.457	202	32808	0.241	ng/ul	97
20) Pyrene	19.820	202	33939	0.255	ng/ul	96
21) Benzo(a)anthracene	21.569	228	32430	0.323	ng/ul	99
22) Chrysene	21.622	228	33531	0.304	ng/ul	99
24) Benzo(b)fluoranthene	23.288	252	34886	0.302	ng/ul	95
25) Benzo(k)fluoranthene	23.337	252	33363	0.274	ng/ul	98
26) Benzo(a)pyrene	23.928	252	29036	0.330	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.600	276	37147	0.356	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.627	278	29385	0.354	ng/ul	99
29) Benzo(g,h,i)perylene	27.392	276	29506	0.324	ng/ul	100

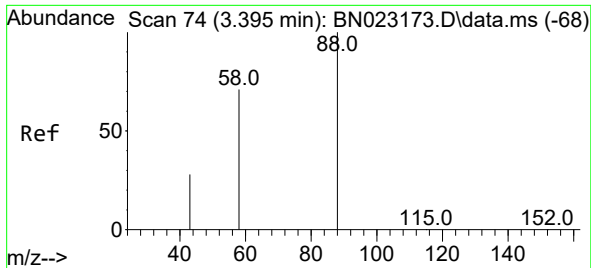
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121322\
Data File : BN023198.D
Acq On : 14 Dec 2022 12:36
Operator : CG/JU
Sample : N5948-10MSD
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

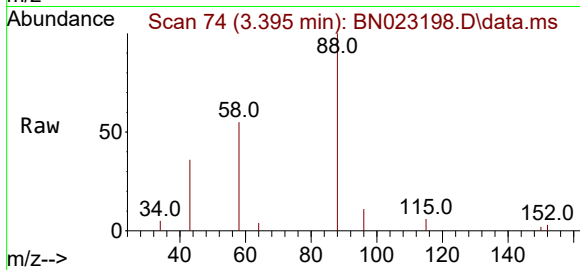
Quant Time: Dec 14 23:19:52 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN112622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 13 23:52:47 2022
Response via : Initial Calibration



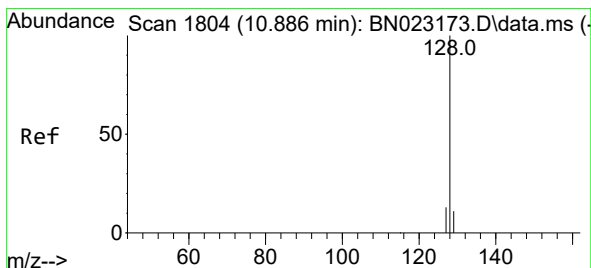
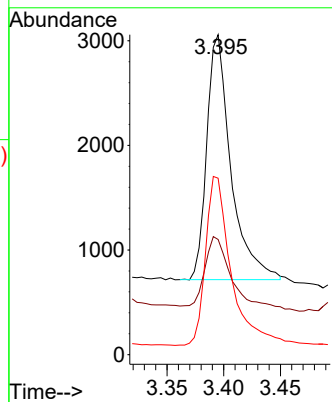
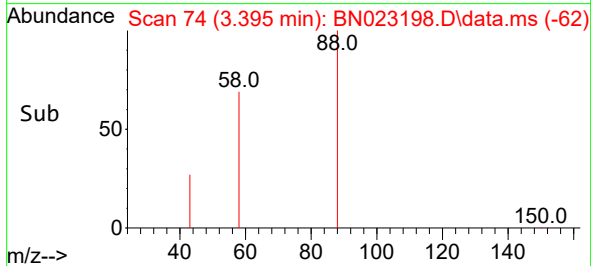


#2
1,4-Dioxane
Concen: 0.455 ng/ul
RT: 3.395 min Scan# 74
Delta R.T. 0.000 min
Lab File: BN023198.D
Acq: 14 Dec 2022 12:36

Instrument :
BNA_N
ClientSampleId :

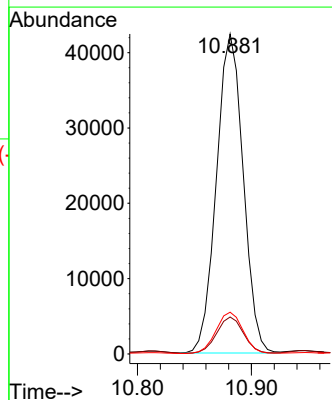
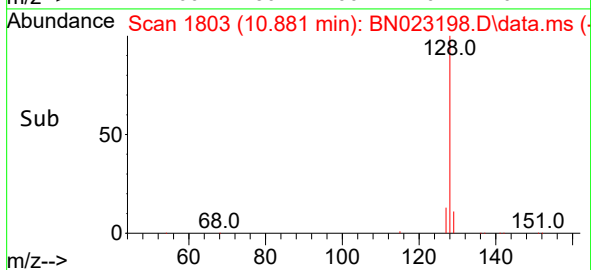
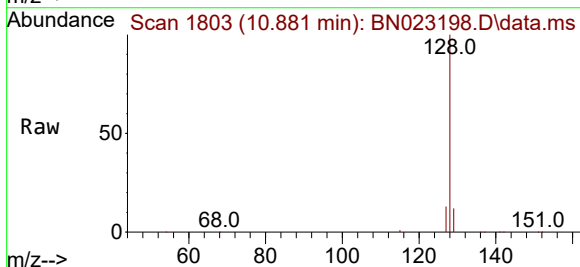


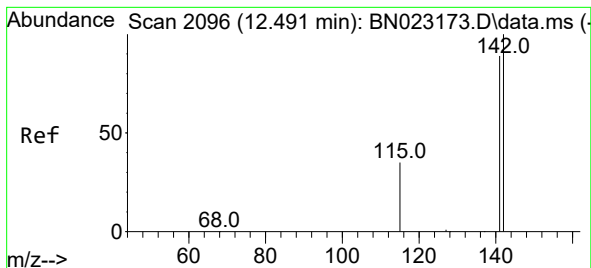
Tgt Ion: 88 Resp: 3468
Ion Ratio Lower Upper
88 100
43 36.0 26.2 39.4
58 55.1 47.6 71.4



#5
Naphthalene
Concen: 1.144 ng/ul
RT: 10.881 min Scan# 1803
Delta R.T. 0.000 min
Lab File: BN023198.D
Acq: 14 Dec 2022 12:36

Tgt Ion: 128 Resp: 69021
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.6
127 13.1 10.6 16.0

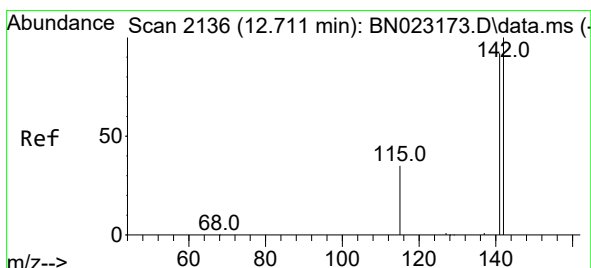
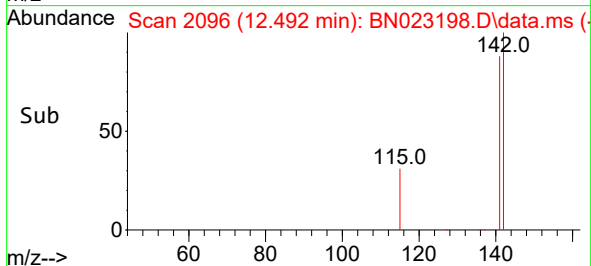
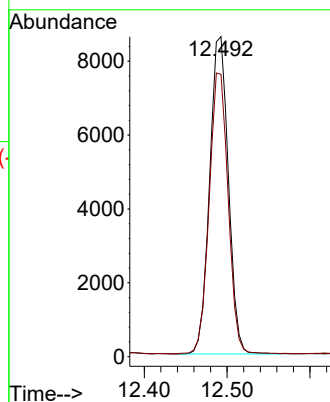
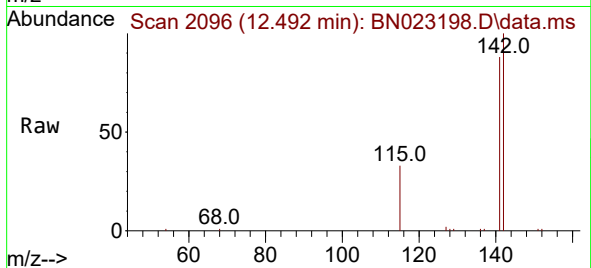




#7
2-Methylnaphthalene
Concen: 0.358 ng/ul
RT: 12.492 min Scan# 2096
Delta R.T. 0.000 min
Lab File: BN023198.D
Acq: 14 Dec 2022 12:36

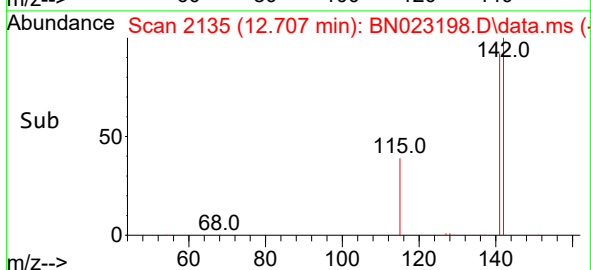
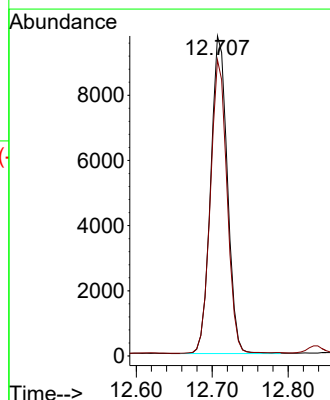
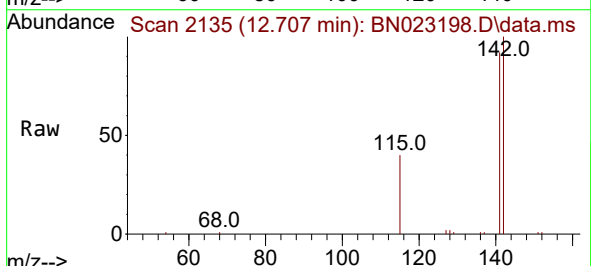
Instrument :
BNA_N
ClientSampleId :

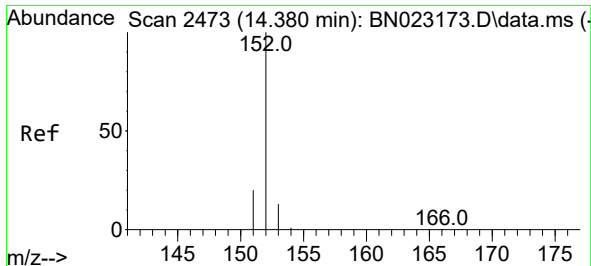
Tgt Ion:142 Resp: 13505
Ion Ratio Lower Upper
142 100
141 89.0 71.6 107.4



#8
1-Methylnaphthalene
Concen: 0.388 ng/ul
RT: 12.707 min Scan# 2135
Delta R.T. -0.005 min
Lab File: BN023198.D
Acq: 14 Dec 2022 12:36

Tgt Ion:142 Resp: 14895
Ion Ratio Lower Upper
142 100
141 92.0 73.8 110.6

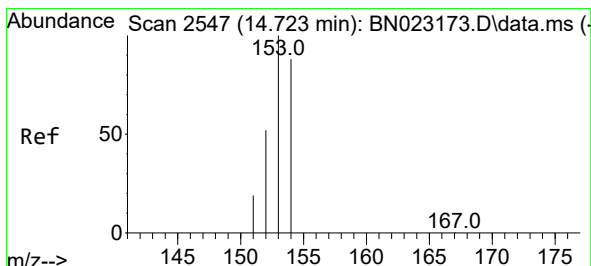
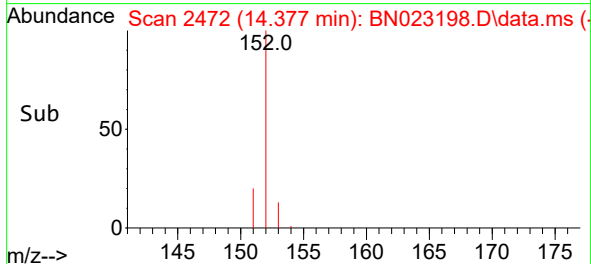
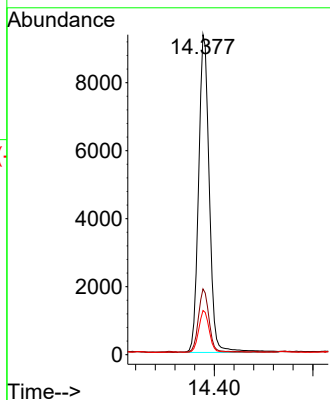
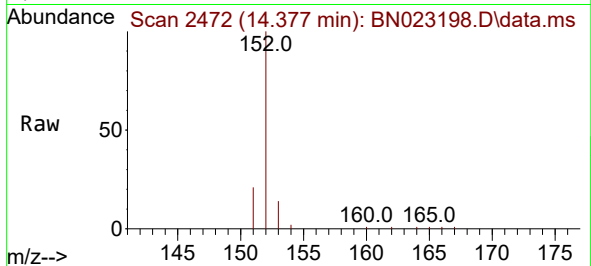




#10
Acenaphthylene
Concen: 0.242 ng/ul
RT: 14.377 min Scan# 2473
Delta R.T. -0.005 min
Lab File: BN023198.D
Acq: 14 Dec 2022 12:36

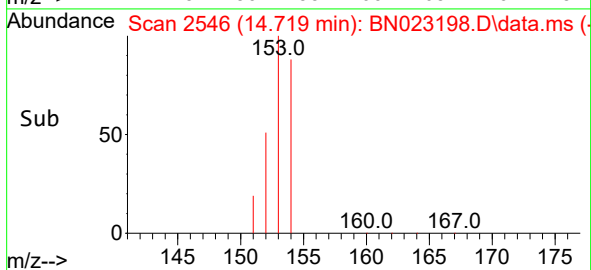
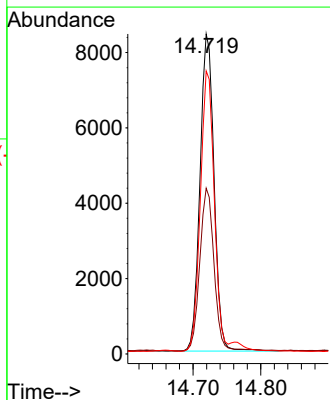
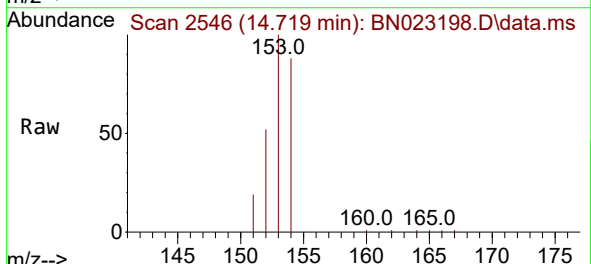
Instrument :
BNA_N
ClientSampleId :

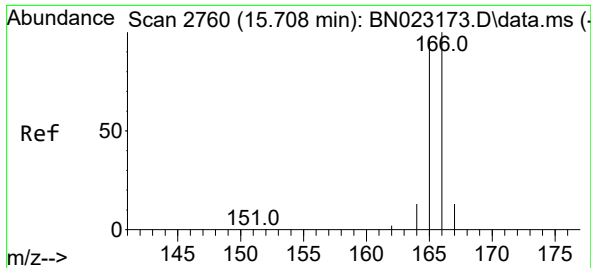
Tgt Ion:152 Resp: 14093
Ion Ratio Lower Upper
152 100
151 20.6 16.0 24.0
153 13.8 10.5 15.7



#11
Acenaphthene
Concen: 0.263 ng/ul
RT: 14.719 min Scan# 2546
Delta R.T. -0.005 min
Lab File: BN023198.D
Acq: 14 Dec 2022 12:36

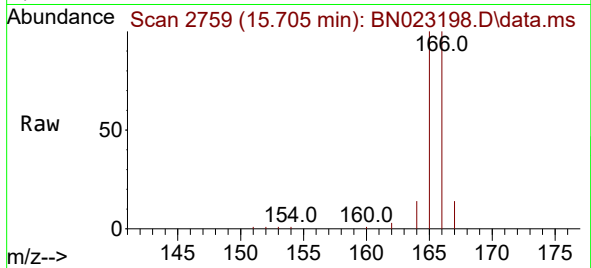
Tgt Ion:153 Resp: 12147
Ion Ratio Lower Upper
153 100
152 51.8 41.8 62.8
154 88.5 71.3 106.9



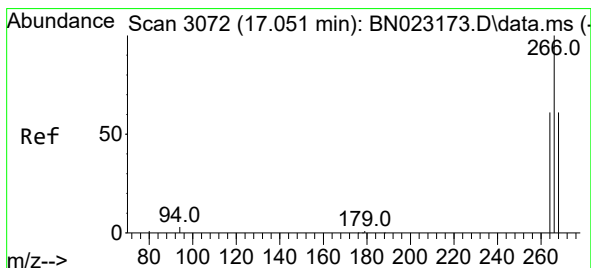
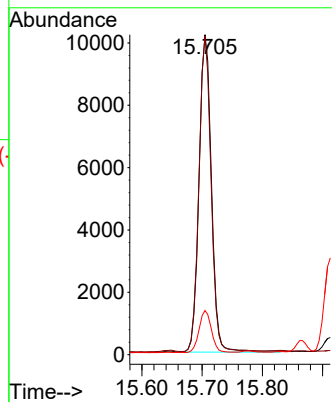
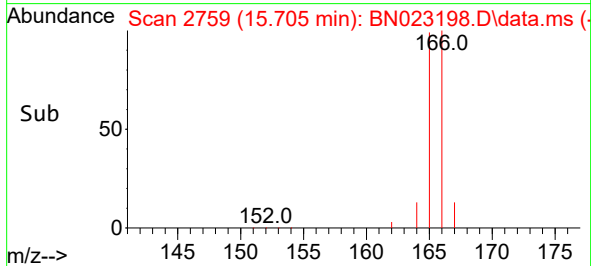


#12
Fluorene
Concen: 0.279 ng/ul
RT: 15.705 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN023198.D
Acq: 14 Dec 2022 12:36

Instrument :
BNA_N
ClientSampleId :

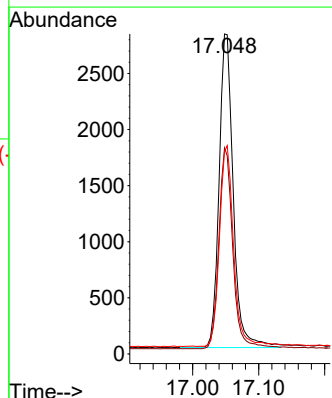
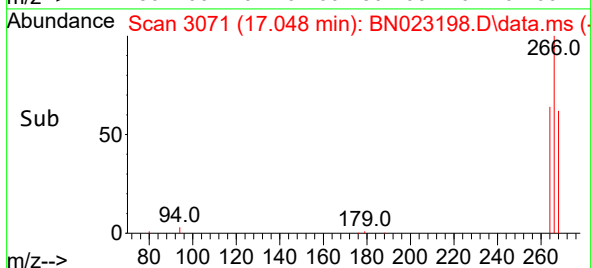
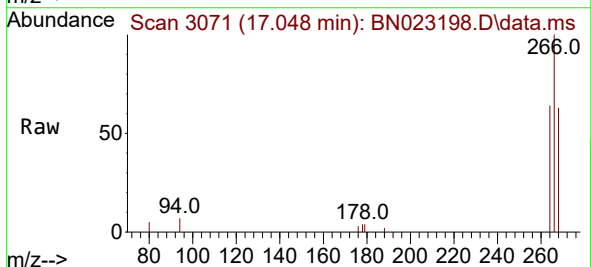


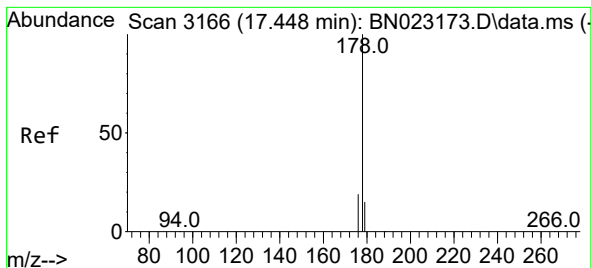
Tgt Ion:166 Resp: 14588
Ion Ratio Lower Upper
166 100
165 99.6 78.7 118.1
167 13.8 10.8 16.2



#14
Pentachlorophenol
Concen: 0.736 ng/ul
RT: 17.048 min Scan# 3071
Delta R.T. -0.004 min
Lab File: BN023198.D
Acq: 14 Dec 2022 12:36

Tgt Ion:266 Resp: 4171
Ion Ratio Lower Upper
266 100
264 63.3 0.0 0.0#
268 63.5 0.0 0.0#





#15

Phenanthrene

Concen: 0.281 ng/ul

RT: 17.445 min Scan# 3166

Delta R.T. -0.004 min

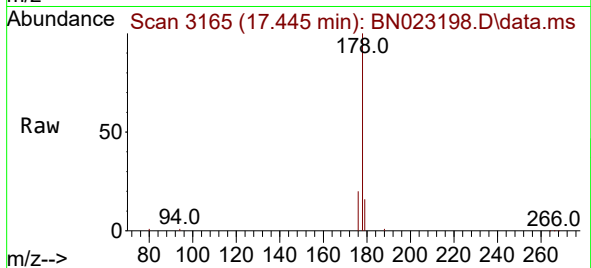
Lab File: BN023198.D

Acq: 14 Dec 2022 12:36

Instrument :

BNA_N

ClientSampleId :



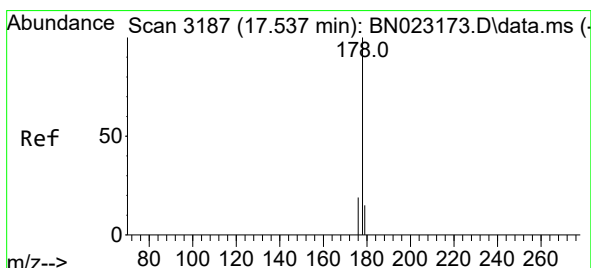
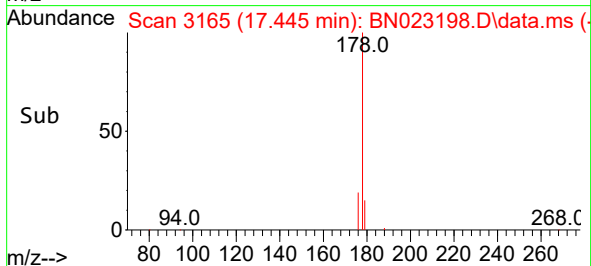
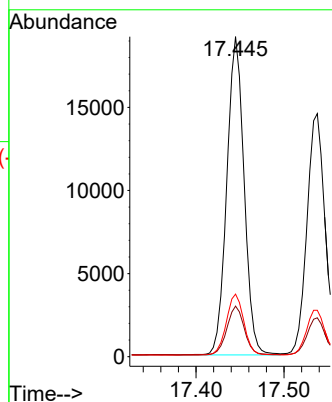
Tgt Ion:178 Resp: 26145

Ion Ratio Lower Upper

178 100

179 15.8 12.5 18.7

176 19.6 15.9 23.9



#16

Anthracene

Concen: 0.271 ng/ul

RT: 17.538 min Scan# 3187

Delta R.T. 0.000 min

Lab File: BN023198.D

Acq: 14 Dec 2022 12:36

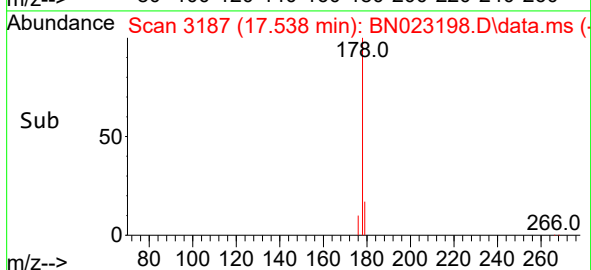
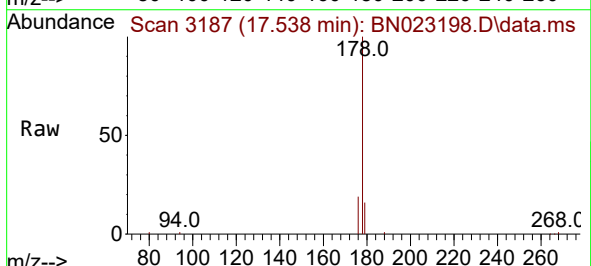
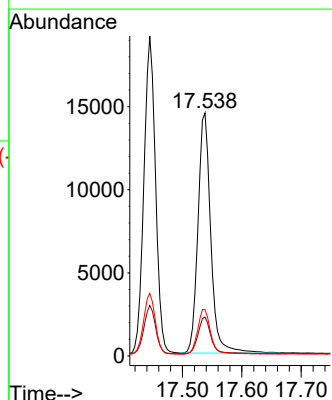
Tgt Ion:178 Resp: 21633

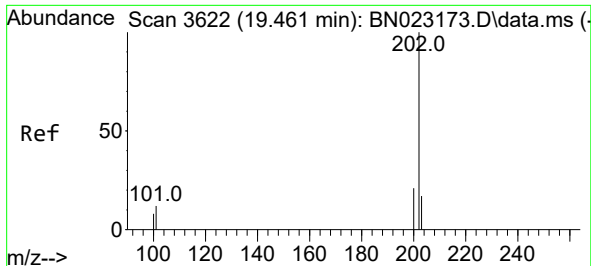
Ion Ratio Lower Upper

178 100

179 16.0 12.6 18.8

176 19.1 15.3 22.9

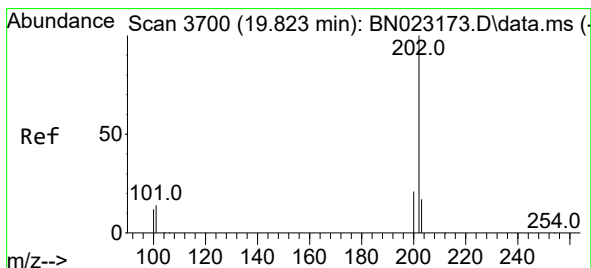
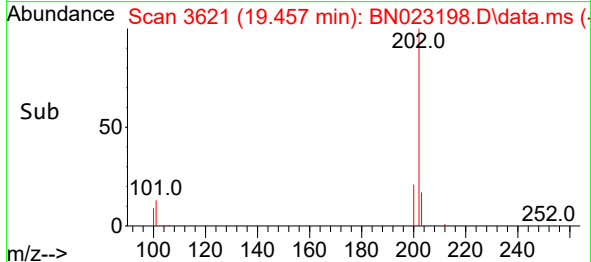
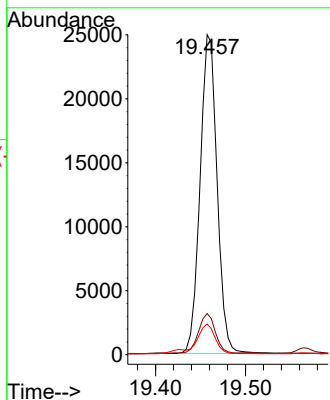
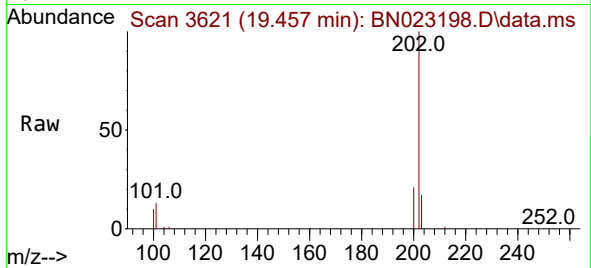




#19
Fluoranthene
Concen: 0.241 ng/ul
RT: 19.457 min Scan# 3621
Delta R.T. -0.005 min
Lab File: BN023198.D
Acq: 14 Dec 2022 12:36

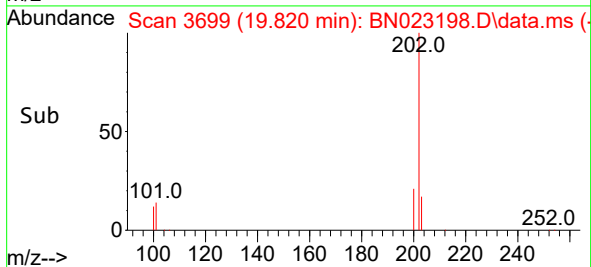
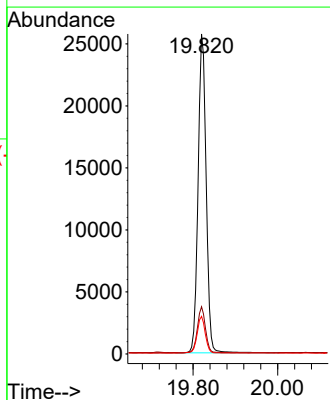
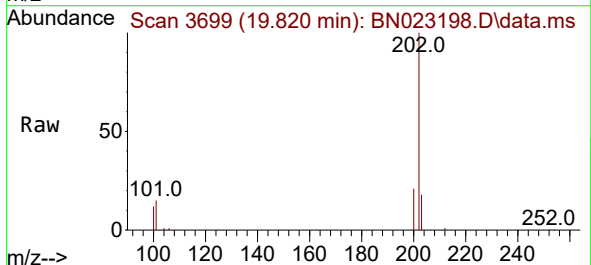
Instrument :
BNA_N
ClientSampleId :

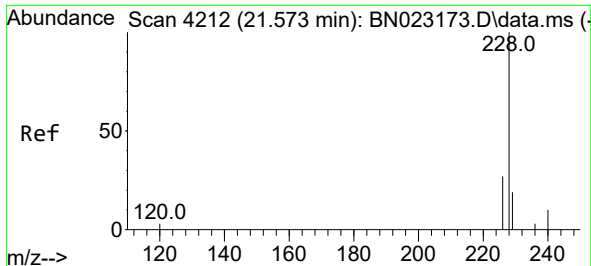
Tgt Ion:202 Resp: 32808
Ion Ratio Lower Upper
202 100
101 12.8 9.2 13.8
100 9.6 6.9 10.3



#20
Pyrene
Concen: 0.255 ng/ul
RT: 19.820 min Scan# 3699
Delta R.T. -0.005 min
Lab File: BN023198.D
Acq: 14 Dec 2022 12:36

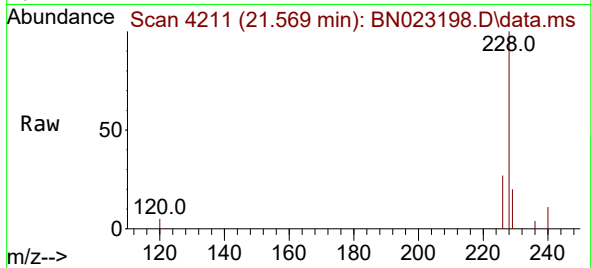
Tgt Ion:202 Resp: 33939
Ion Ratio Lower Upper
202 100
101 14.8 10.6 16.0
100 11.7 8.2 12.4



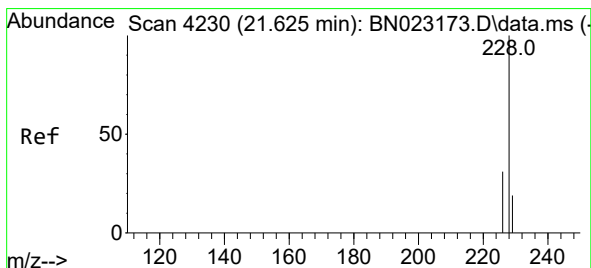
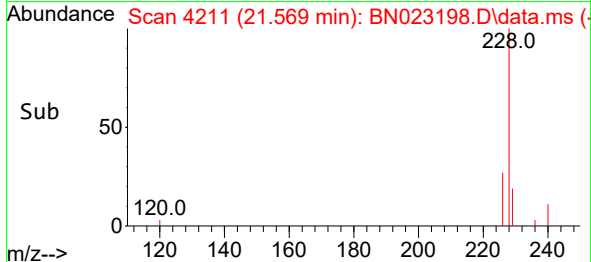
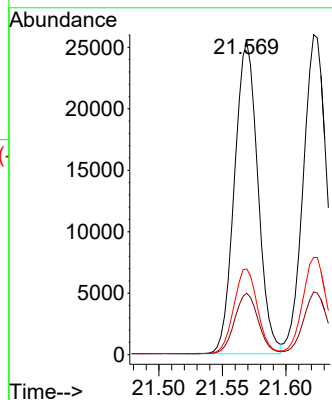


#21
Benzo(a)anthracene
Concen: 0.323 ng/ul
RT: 21.569 min Scan# 41
Delta R.T. -0.003 min
Lab File: BN023198.D
Acq: 14 Dec 2022 12:36

Instrument :
BNA_N
ClientSampleId :

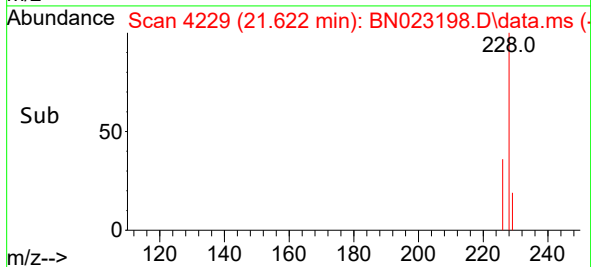
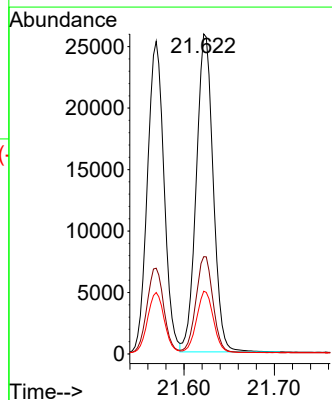
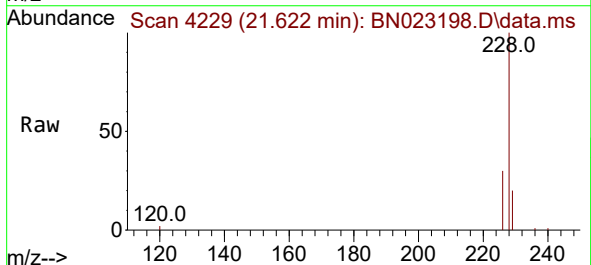


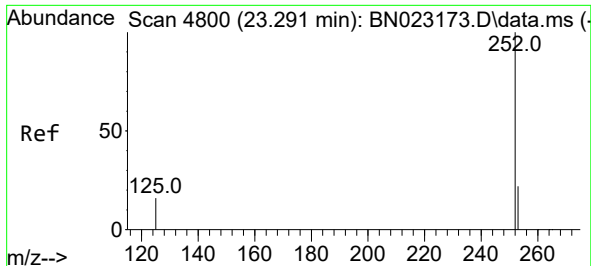
Tgt Ion:228 Resp: 32430
Ion Ratio Lower Upper
228 100
229 19.6 15.5 23.3
226 27.4 22.2 33.4



#22
Chrysene
Concen: 0.304 ng/ul
RT: 21.622 min Scan# 4229
Delta R.T. -0.006 min
Lab File: BN023198.D
Acq: 14 Dec 2022 12:36

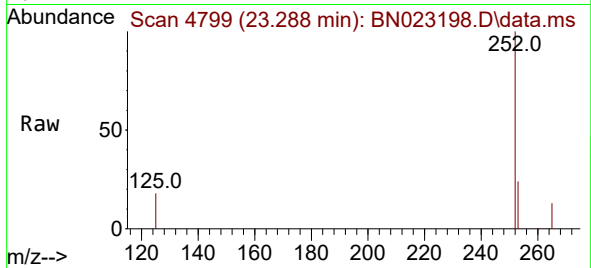
Tgt Ion:228 Resp: 33531
Ion Ratio Lower Upper
228 100
226 30.4 24.6 37.0
229 19.6 15.8 23.8



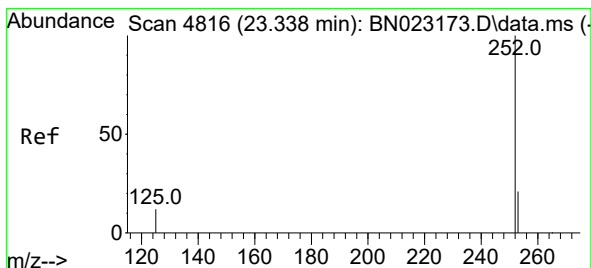
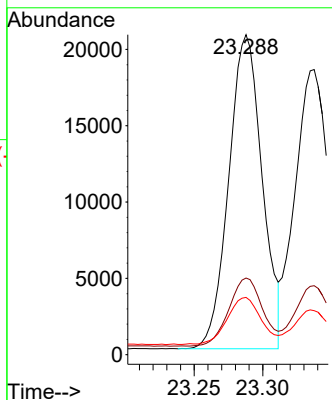


#24
Benzo(b)fluoranthene
Concen: 0.302 ng/ul
RT: 23.288 min Scan# 4799
Delta R.T. -0.003 min
Lab File: BN023198.D
Acq: 14 Dec 2022 12:36

Instrument :
BNA_N
ClientSampleId :

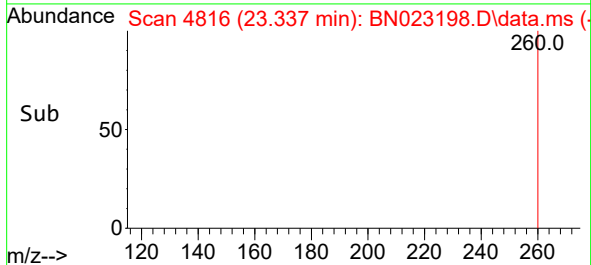
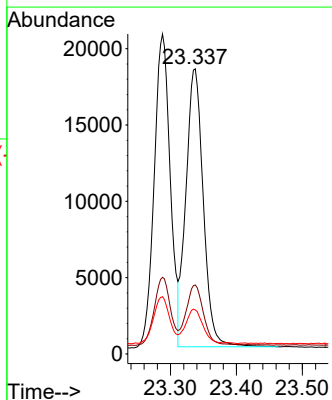
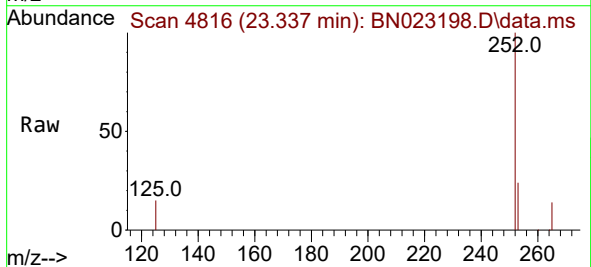


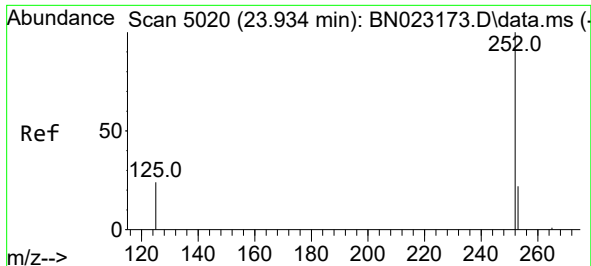
Tgt Ion:252 Resp: 34886
Ion Ratio Lower Upper
252 100
253 23.9 0.0 46.0
125 17.9 0.0 28.6



#25
Benzo(k)fluoranthene
Concen: 0.274 ng/ul
RT: 23.337 min Scan# 4816
Delta R.T. -0.003 min
Lab File: BN023198.D
Acq: 14 Dec 2022 12:36

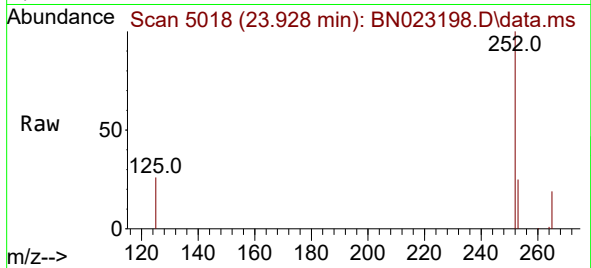
Tgt Ion:252 Resp: 33363
Ion Ratio Lower Upper
252 100
253 24.2 18.7 28.1
125 15.4 11.3 16.9



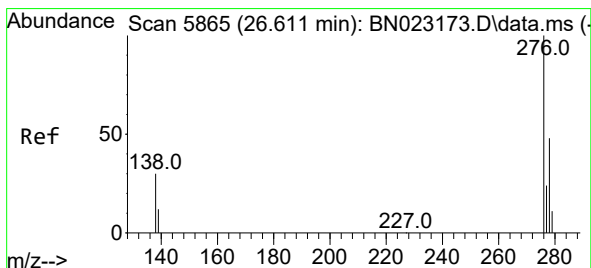
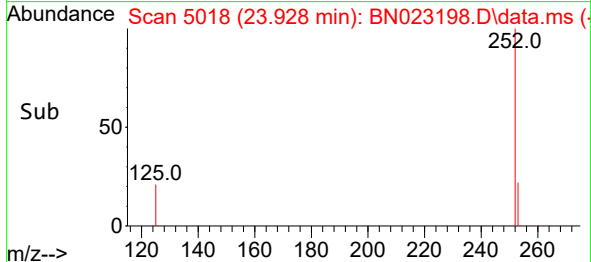
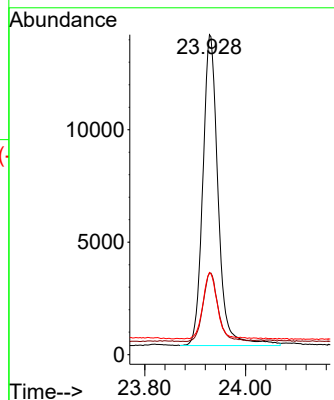


#26
Benzo(a)pyrene
Concen: 0.330 ng/ul
RT: 23.928 min Scan# 5020
Delta R.T. -0.006 min
Lab File: BN023198.D
Acq: 14 Dec 2022 12:36

Instrument :
BNA_N
ClientSampleId :

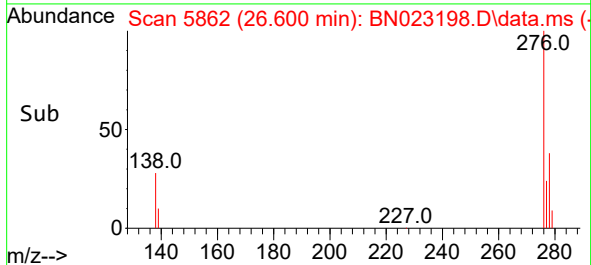
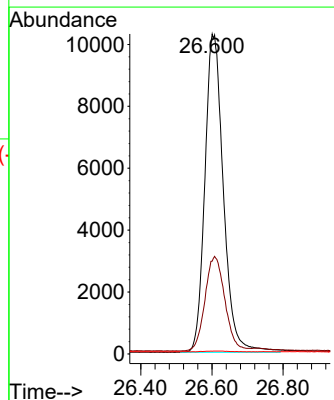
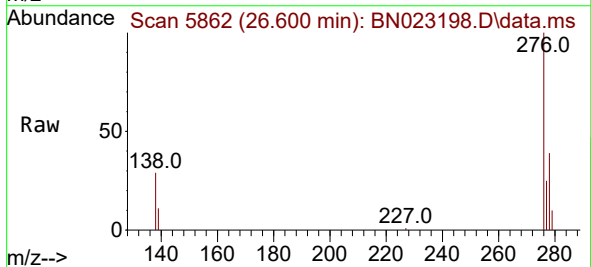


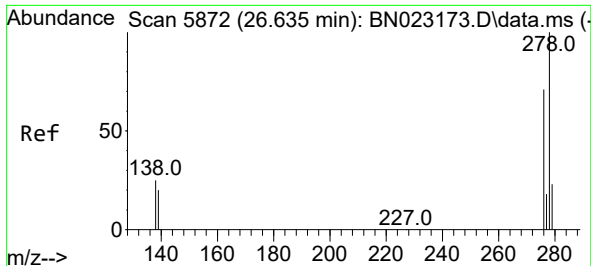
Tgt Ion:252 Resp: 29036
Ion Ratio Lower Upper
252 100
253 25.4 19.7 29.5
125 25.7 13.7 20.5#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.356 ng/ul
RT: 26.600 min Scan# 5862
Delta R.T. -0.010 min
Lab File: BN023198.D
Acq: 14 Dec 2022 12:36

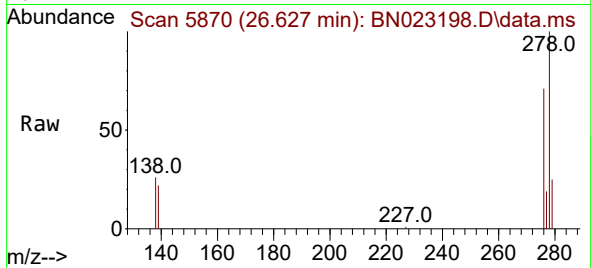
Tgt Ion:276 Resp: 37147
Ion Ratio Lower Upper
276 100
138 32.7 0.0 0.0#
227 0.3 0.0 0.0#



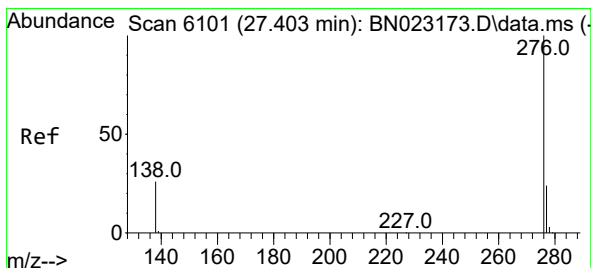
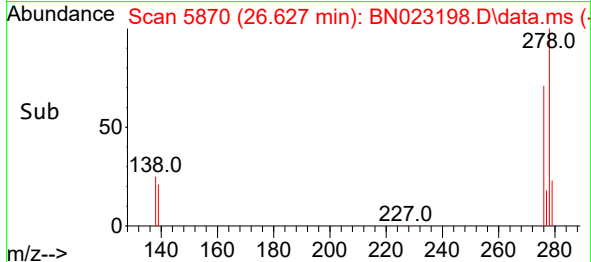
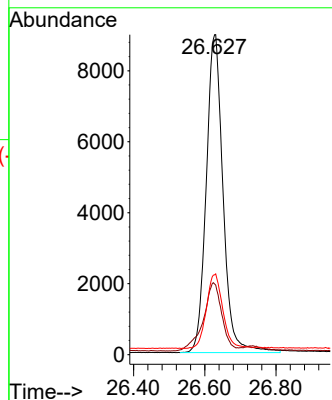


#28
 Dibenzo(a,h)anthracene
 Concen: 0.354 ng/ul
 RT: 26.627 min Scan# 51
 Delta R.T. -0.003 min
 Lab File: BN023198.D
 Acq: 14 Dec 2022 12:36

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:278 Resp: 29385
 Ion Ratio Lower Upper
 278 100
 139 22.1 18.3 27.5
 279 24.9 20.4 30.6



#29
 Benzo(g,h,i)perylene
 Concen: 0.324 ng/ul
 RT: 27.392 min Scan# 6098
 Delta R.T. -0.010 min
 Lab File: BN023198.D
 Acq: 14 Dec 2022 12:36

Tgt Ion:276 Resp: 29506
 Ion Ratio Lower Upper
 276 100
 138 27.6 22.1 33.1
 277 23.8 19.4 29.2

