

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041123\
 Data File : BN024838.D
 Acq On : 11 Apr 2023 16:35
 Operator : CG/JU
 Sample : PB152003BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 12 01:10:58 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN040723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 08 00:52:14 2023
 Response via : Initial Calibration

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

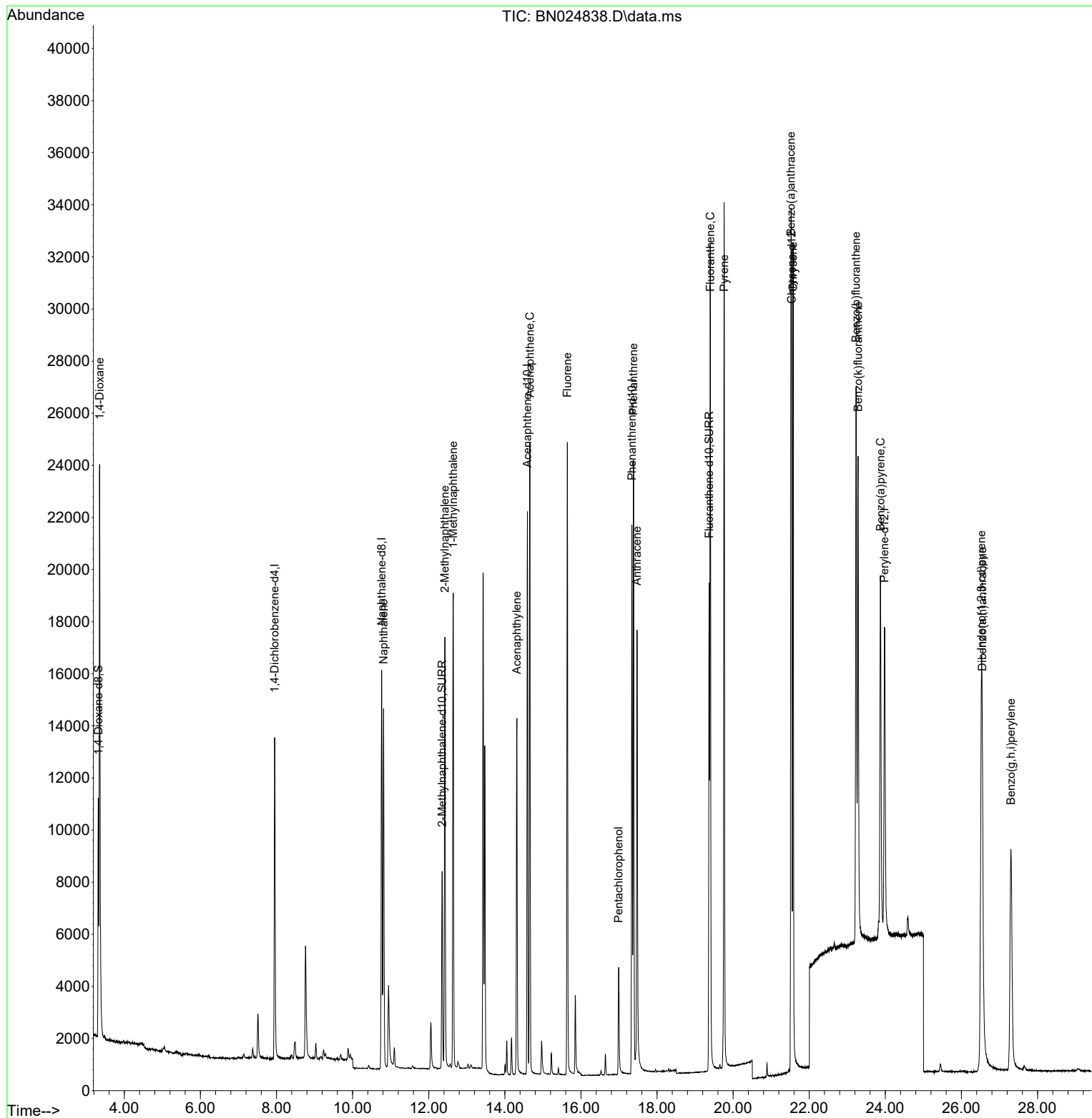
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	6951	0.400	ng/ul	0.00
4) Naphthalene-d8	10.763	136	20241	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.593	164	11684	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.338	188	25208	0.400	ng/ul	0.00
17) Chrysene-d12	21.537	240	20583	0.400	ng/ul	0.01
23) Perylene-d12	23.978	264	17924	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.318	96	5647	0.744	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.353	152	9928	0.382	ng/ul	0.00
18) Fluoranthene-d10	19.367	212	20879	0.408	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.352	88	14615	1.748	ng/ul	95
5) Naphthalene	10.813	128	19400	0.376	ng/ul	100
7) 2-Methylnaphthalene	12.424	142	11906	0.371	ng/ul	99
8) 1-Methylnaphthalene	12.644	142	12606	0.371	ng/ul	100
10) Acenaphthylene	14.315	152	16047	0.366	ng/ul	99
11) Acenaphthene	14.658	153	13933	0.371	ng/ul	99
12) Fluorene	15.643	166	15522	0.369	ng/ul	98
14) Pentachlorophenol	16.992	266	3102	0.577	ng/ul	99
15) Phenanthrene	17.380	178	25658	0.361	ng/ul	99
16) Anthracene	17.473	178	20912	0.354	ng/ul	99
19) Fluoranthene	19.400	202	27834	0.393	ng/ul	100
20) Pyrene	19.762	202	29135	0.401	ng/ul	100
21) Benzo(a)anthracene	21.519	228	25815	0.397	ng/ul	100
22) Chrysene	21.575	228	29032	0.413	ng/ul	100
24) Benzo(b)fluoranthene	23.232	252	29338	0.408	ng/ul	98
25) Benzo(k)fluoranthene	23.282	252	27866	0.397	ng/ul	97
26) Benzo(a)pyrene	23.869	252	23112	0.388	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.520	276	25805	0.367	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.547	278	19994	0.362	ng/ul	98
29) Benzo(g,h,i)perylene	27.301	276	21838	0.367	ng/ul	99

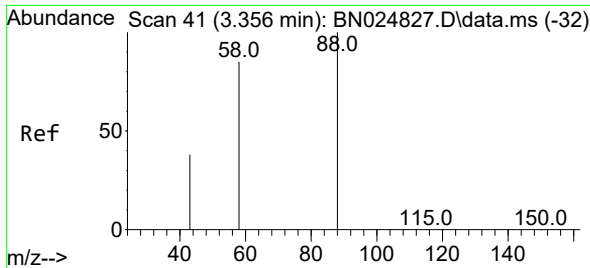
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041123\
Data File : BN024838.D
Acq On : 11 Apr 2023 16:35
Operator : CG/JU
Sample : PB152003BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Apr 12 01:10:58 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN040723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 08 00:52:14 2023
Response via : Initial Calibration

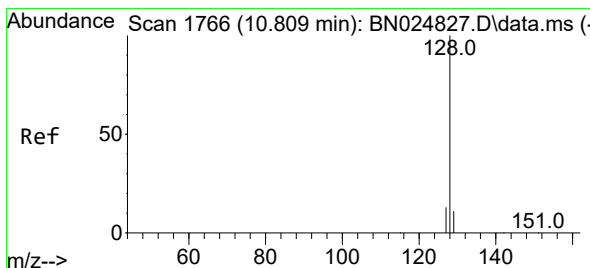
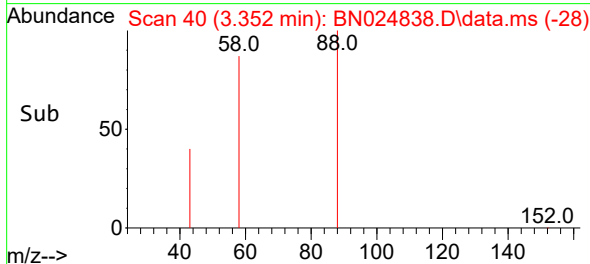
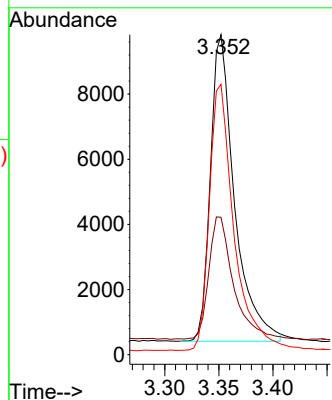
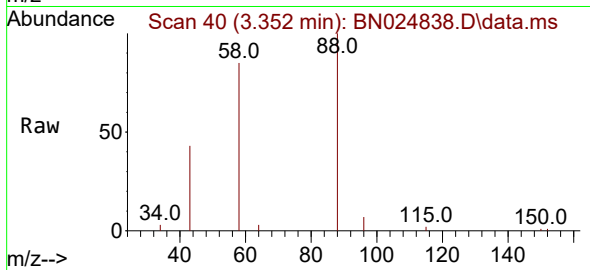




#2
1,4-Dioxane
Concen: 1.748 ng/ul
RT: 3.352 min Scan# 40
Delta R.T. 0.000 min
Lab File: BN024838.D
Acq: 11 Apr 2023 16:35

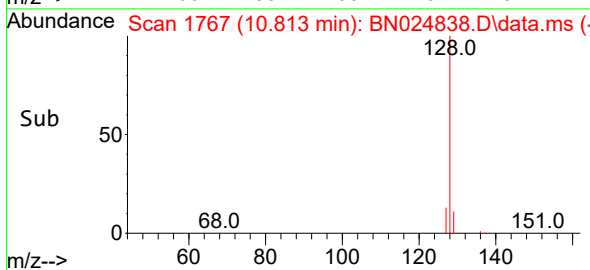
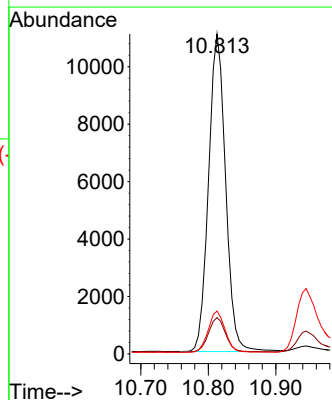
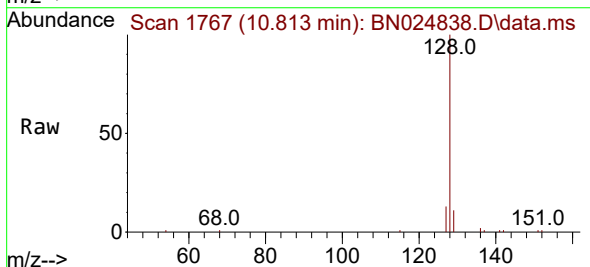
Instrument :
BNA_N
ClientSampleId :

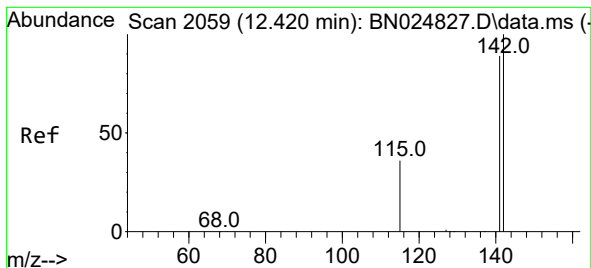
Tgt Ion: 88 Resp: 14615
Ion Ratio Lower Upper
88 100
43 43.0 39.1 58.7
58 84.5 65.7 98.5



#5
Naphthalene
Concen: 0.376 ng/ul
RT: 10.813 min Scan# 1767
Delta R.T. -0.001 min
Lab File: BN024838.D
Acq: 11 Apr 2023 16:35

Tgt Ion: 128 Resp: 19400
Ion Ratio Lower Upper
128 100
129 11.4 9.1 13.7
127 13.4 10.5 15.7





#7

2-Methylnaphthalene

Concen: 0.371 ng/ul

RT: 12.424 min Scan# 2100

Delta R.T. -0.001 min

Lab File: BN024838.D

Acq: 11 Apr 2023 16:35

Instrument :

BNA_N

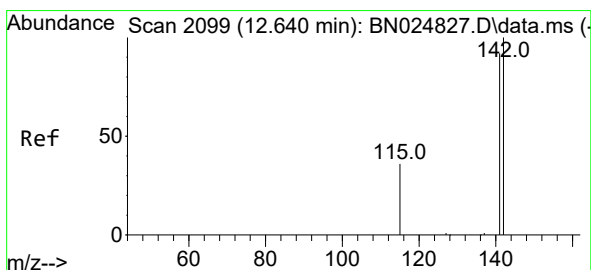
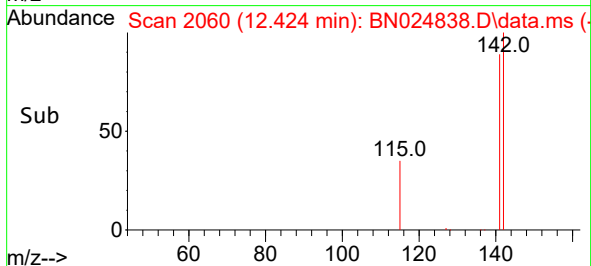
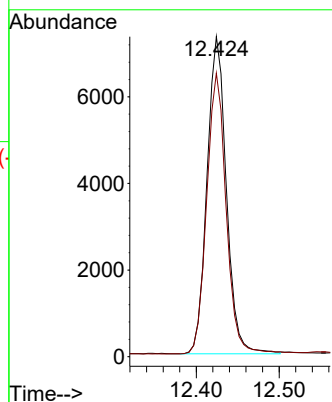
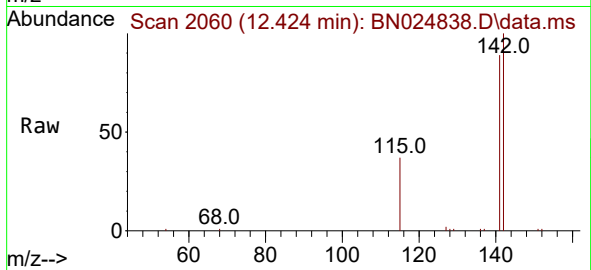
ClientSampleId :

Tgt Ion:142 Resp: 11906

Ion Ratio Lower Upper

142 100

141 89.1 70.7 106.1



#8

1-Methylnaphthalene

Concen: 0.371 ng/ul

RT: 12.644 min Scan# 2100

Delta R.T. 0.004 min

Lab File: BN024838.D

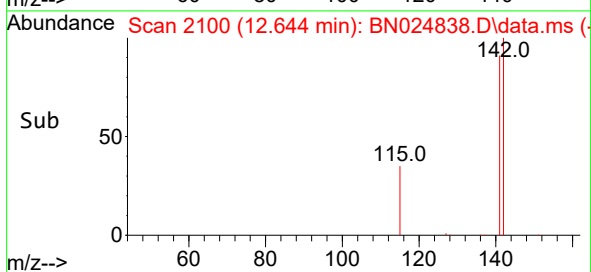
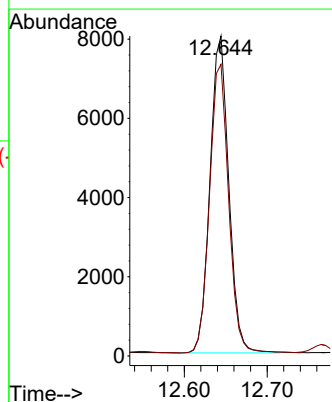
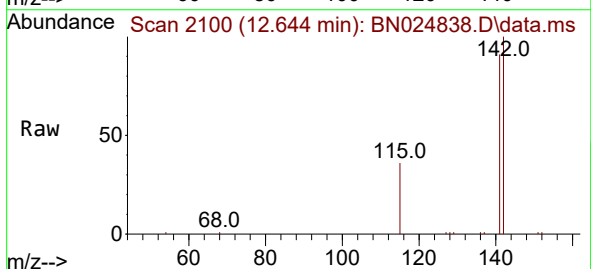
Acq: 11 Apr 2023 16:35

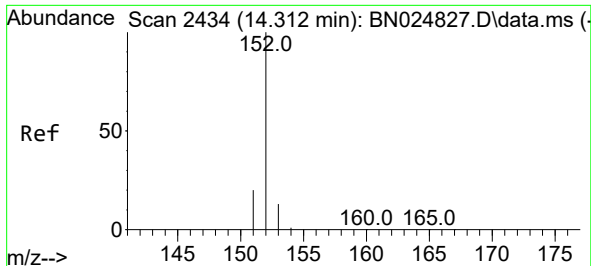
Tgt Ion:142 Resp: 12606

Ion Ratio Lower Upper

142 100

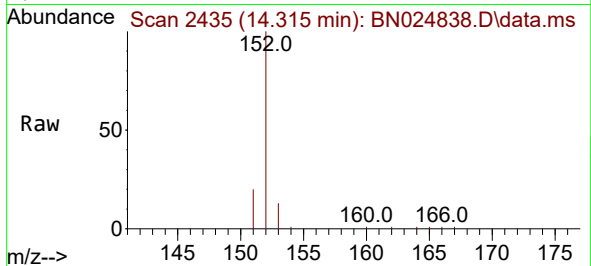
141 92.4 74.0 111.0



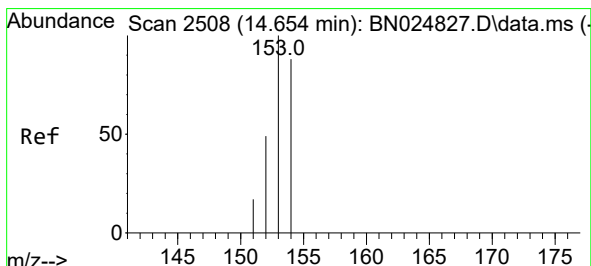
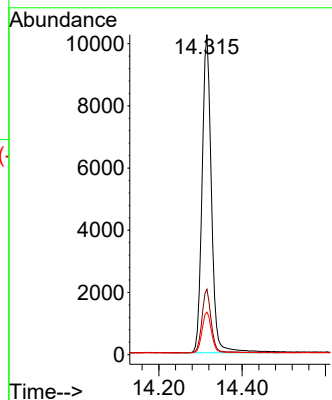
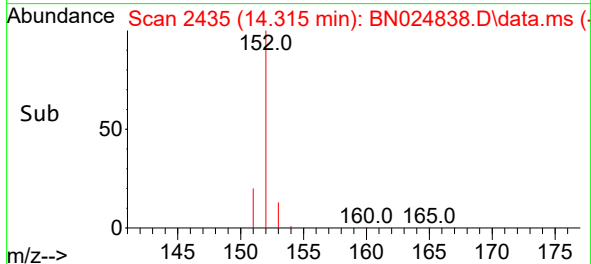


#10
Acenaphthylene
Concen: 0.366 ng/ul
RT: 14.315 min Scan# 2434
Delta R.T. -0.001 min
Lab File: BN024838.D
Acq: 11 Apr 2023 16:35

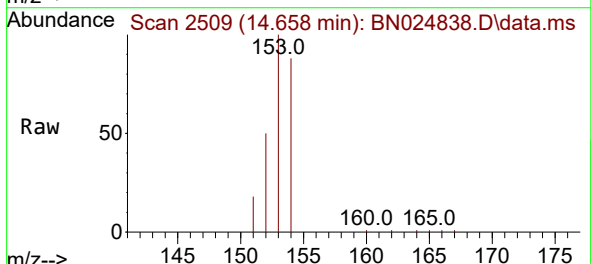
Instrument :
BNA_N
ClientSampleId :



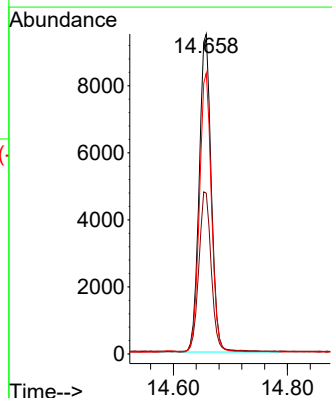
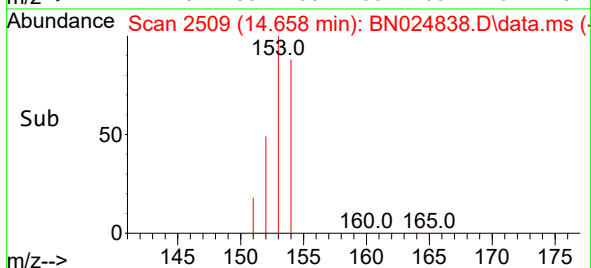
Tgt Ion:152 Resp: 16047
Ion Ratio Lower Upper
152 100
151 20.5 15.7 23.5
153 13.3 10.6 16.0

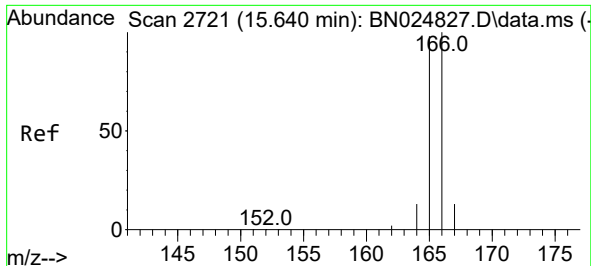


#11
Acenaphthene
Concen: 0.371 ng/ul
RT: 14.658 min Scan# 2509
Delta R.T. 0.003 min
Lab File: BN024838.D
Acq: 11 Apr 2023 16:35



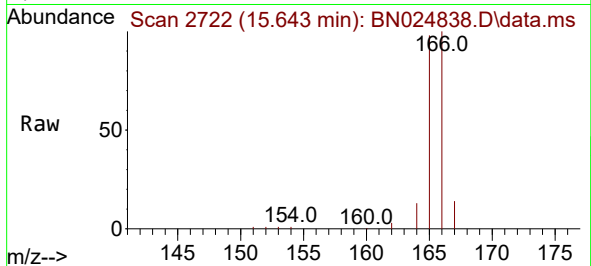
Tgt Ion:153 Resp: 13933
Ion Ratio Lower Upper
153 100
152 50.2 40.7 61.1
154 87.8 69.4 104.2



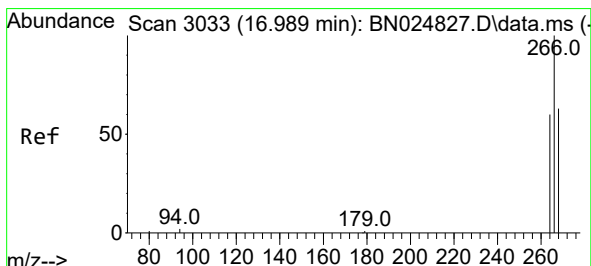
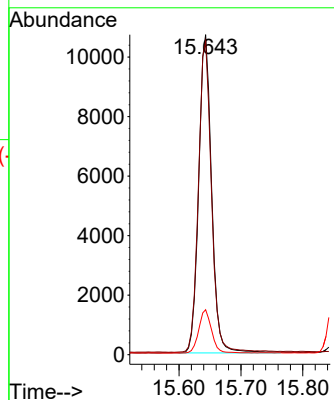
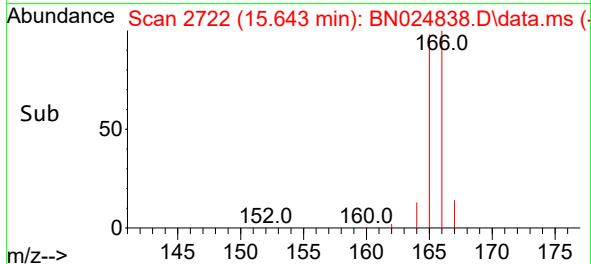


#12
Fluorene
Concen: 0.369 ng/ul
RT: 15.643 min Scan# 21
Delta R.T. 0.003 min
Lab File: BN024838.D
Acq: 11 Apr 2023 16:35

Instrument :
BNA_N
ClientSampleId :

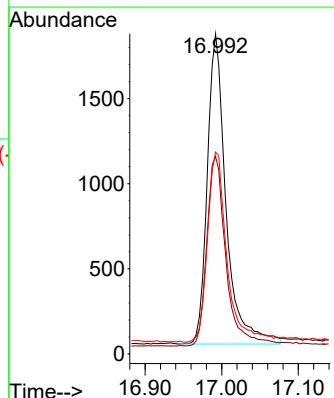
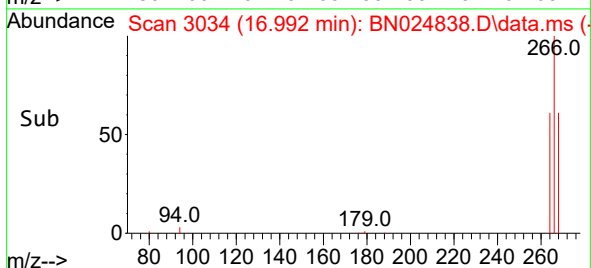
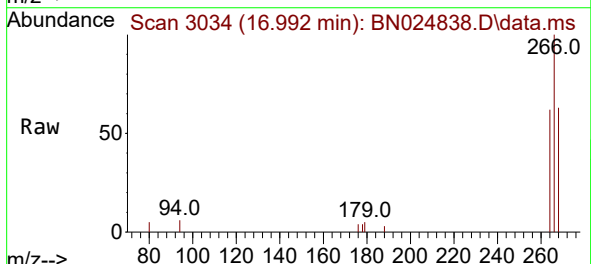


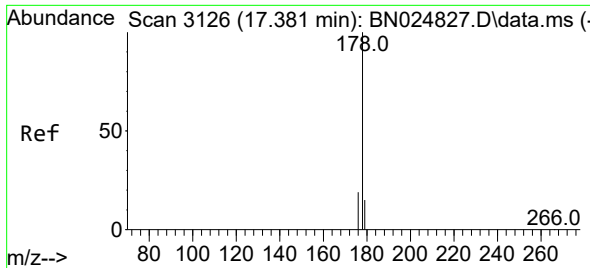
Tgt Ion:166 Resp: 15522
Ion Ratio Lower Upper
166 100
165 98.0 80.1 120.1
167 14.1 10.7 16.1



#14
Pentachlorophenol
Concen: 0.577 ng/ul
RT: 16.992 min Scan# 3034
Delta R.T. -0.001 min
Lab File: BN024838.D
Acq: 11 Apr 2023 16:35

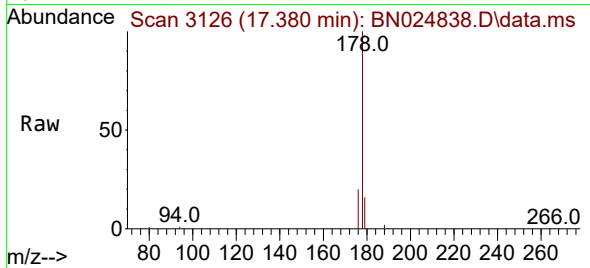
Tgt Ion:266 Resp: 3102
Ion Ratio Lower Upper
266 100
264 62.6 51.2 76.8
268 63.9 51.4 77.2



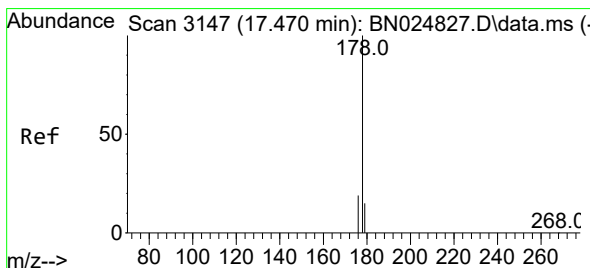
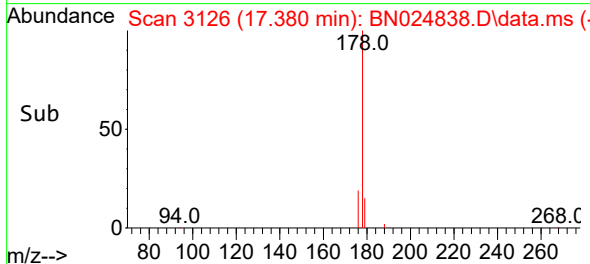
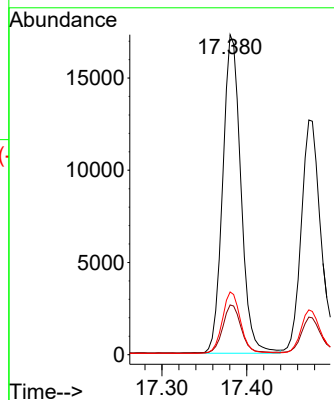


#15
Phenanthrene
Concen: 0.361 ng/ul
RT: 17.380 min Scan# 3126
Delta R.T. -0.001 min
Lab File: BN024838.D
Acq: 11 Apr 2023 16:35

Instrument :
BNA_N
ClientSampleId :

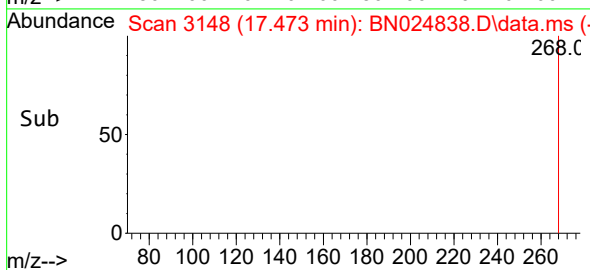
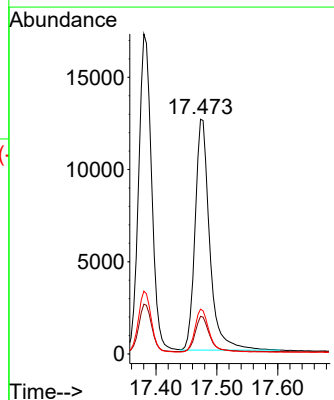
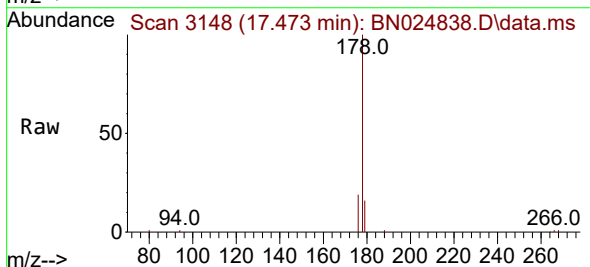


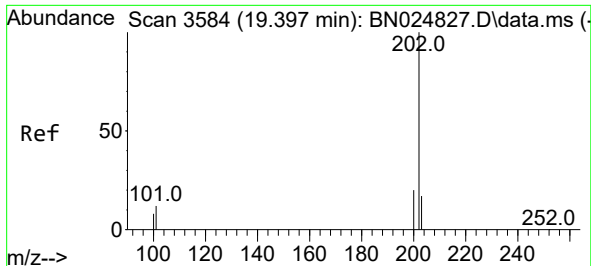
Tgt Ion:178 Resp: 25658
Ion Ratio Lower Upper
178 100
179 15.6 12.3 18.5
176 19.6 15.4 23.0



#16
Anthracene
Concen: 0.354 ng/ul
RT: 17.473 min Scan# 3148
Delta R.T. -0.001 min
Lab File: BN024838.D
Acq: 11 Apr 2023 16:35

Tgt Ion:178 Resp: 20912
Ion Ratio Lower Upper
178 100
179 16.0 12.4 18.6
176 19.1 14.7 22.1





#19

Fluoranthene

Concen: 0.393 ng/ul

RT: 19.400 min Scan# 3584

Delta R.T. 0.003 min

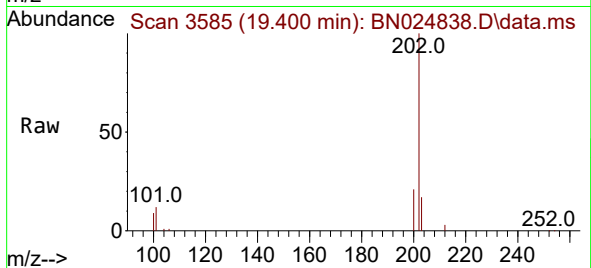
Lab File: BN024838.D

Acq: 11 Apr 2023 16:35

Instrument :

BNA_N

ClientSampleId :



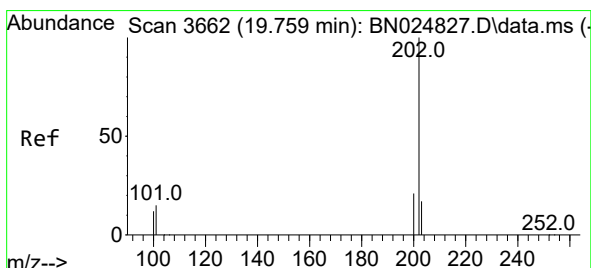
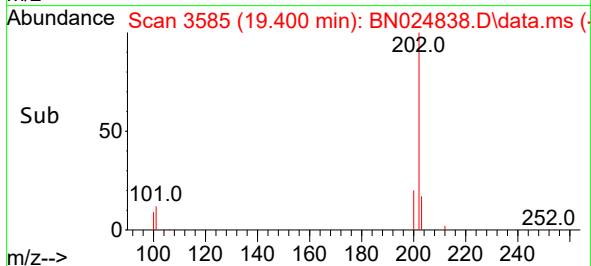
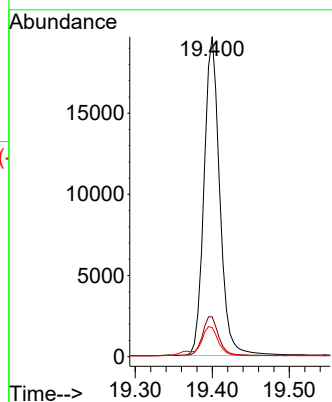
Tgt Ion:202 Resp: 27834

Ion Ratio Lower Upper

202 100

101 12.5 10.0 15.0

100 9.1 7.5 11.3



#20

Pyrene

Concen: 0.401 ng/ul

RT: 19.762 min Scan# 3663

Delta R.T. 0.003 min

Lab File: BN024838.D

Acq: 11 Apr 2023 16:35

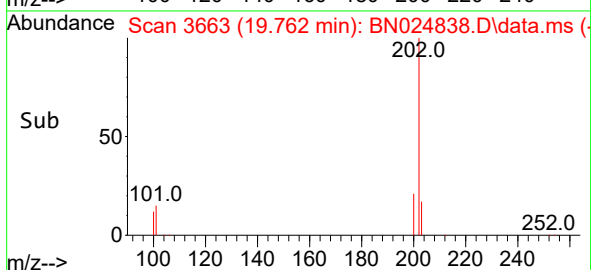
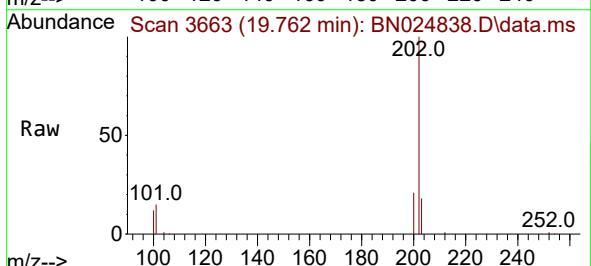
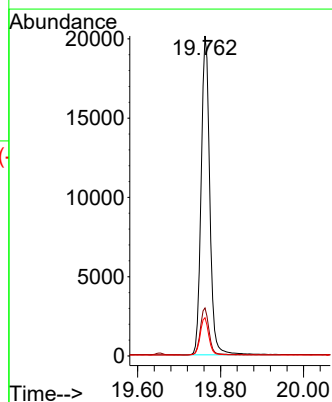
Tgt Ion:202 Resp: 29135

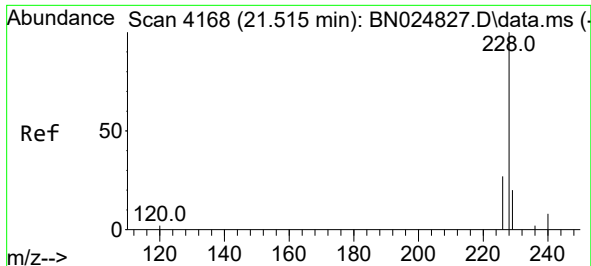
Ion Ratio Lower Upper

202 100

101 15.0 11.8 17.8

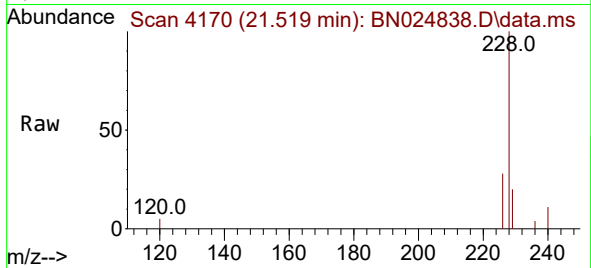
100 11.9 9.5 14.3



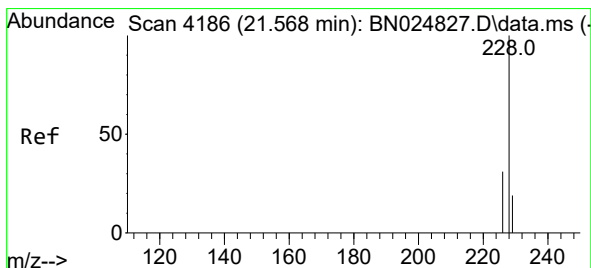
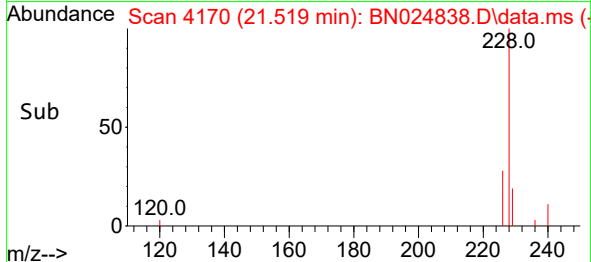
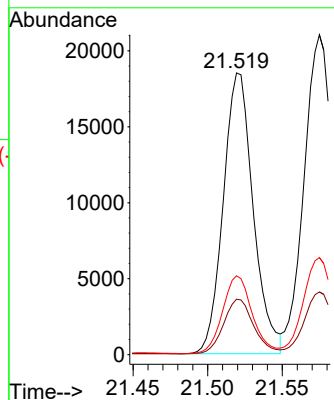


#21
Benzo(a)anthracene
Concen: 0.397 ng/ul
RT: 21.519 min Scan# 4168
Delta R.T. 0.010 min
Lab File: BN024838.D
Acq: 11 Apr 2023 16:35

Instrument :
BNA_N
ClientSampleId :

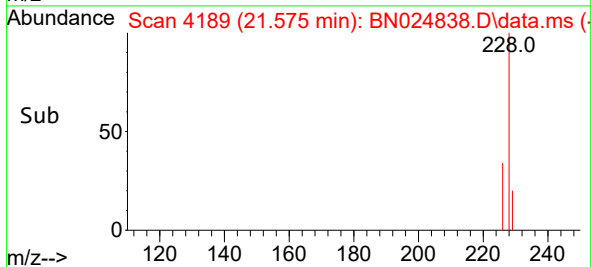
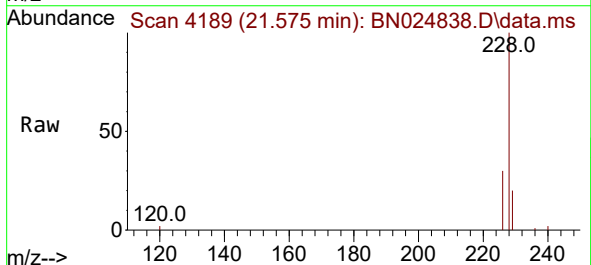
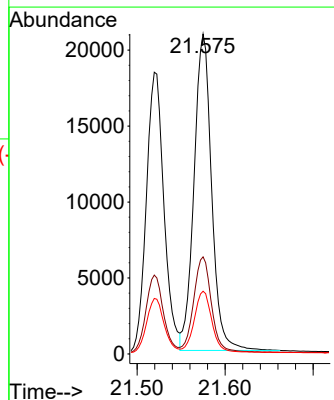


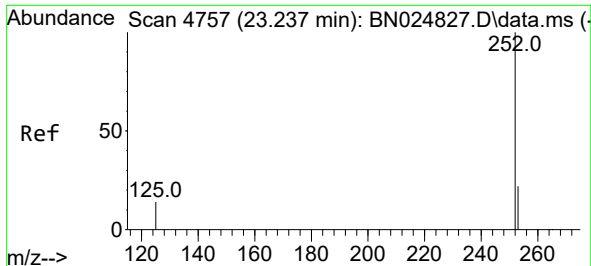
Tgt Ion:228 Resp: 25815
Ion Ratio Lower Upper
228 100
229 19.7 15.8 23.8
226 28.0 22.2 33.2



#22
Chrysene
Concen: 0.413 ng/ul
RT: 21.575 min Scan# 4189
Delta R.T. 0.010 min
Lab File: BN024838.D
Acq: 11 Apr 2023 16:35

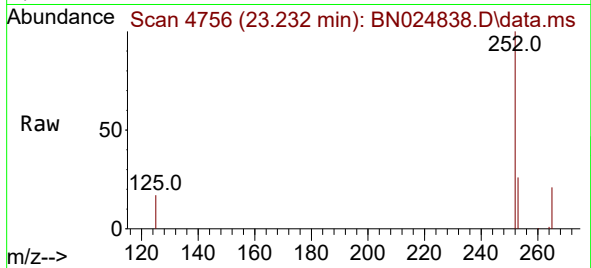
Tgt Ion:228 Resp: 29032
Ion Ratio Lower Upper
228 100
226 30.3 24.3 36.5
229 19.6 15.7 23.5



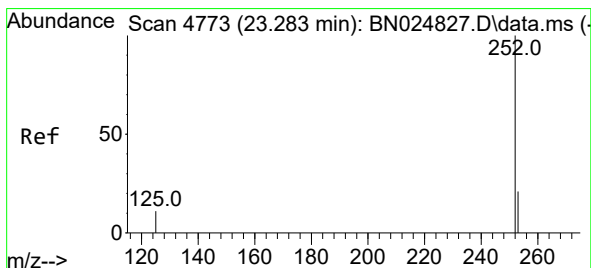
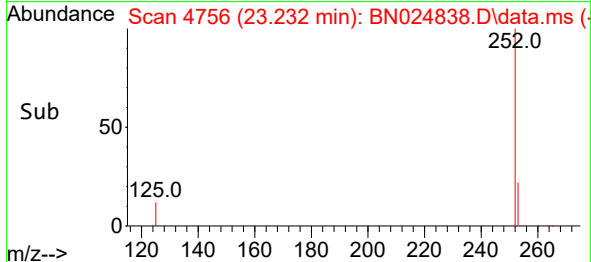
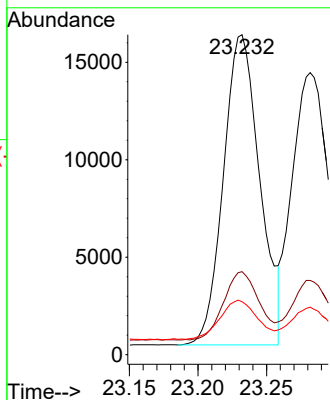


#24
Benzo(b)fluoranthene
Concen: 0.408 ng/ul
RT: 23.232 min Scan# 4756
Delta R.T. 0.004 min
Lab File: BN024838.D
Acq: 11 Apr 2023 16:35

Instrument :
BNA_N
ClientSampleId :

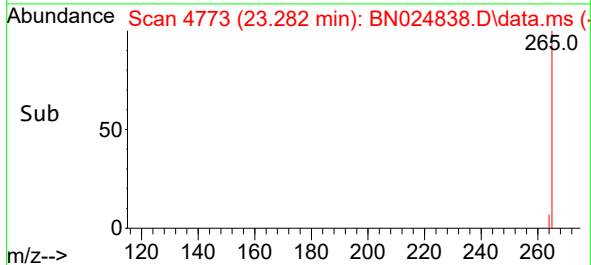
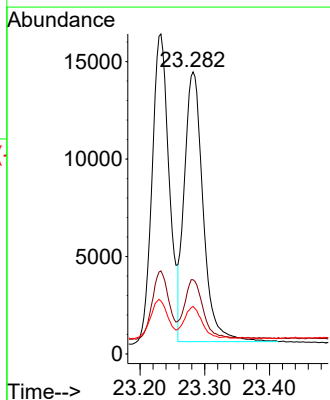
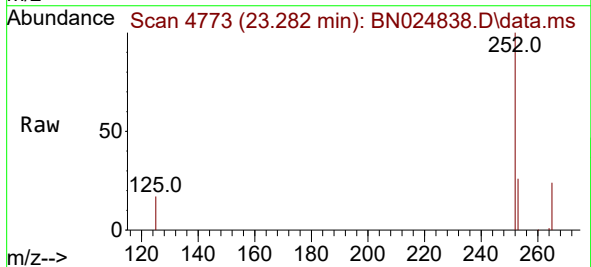


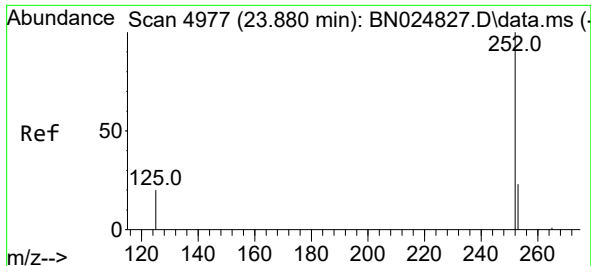
Tgt Ion:252 Resp: 29338
Ion Ratio Lower Upper
252 100
253 25.9 0.0 49.4
125 16.5 0.0 31.2



#25
Benzo(k)fluoranthene
Concen: 0.397 ng/ul
RT: 23.282 min Scan# 4773
Delta R.T. 0.001 min
Lab File: BN024838.D
Acq: 11 Apr 2023 16:35

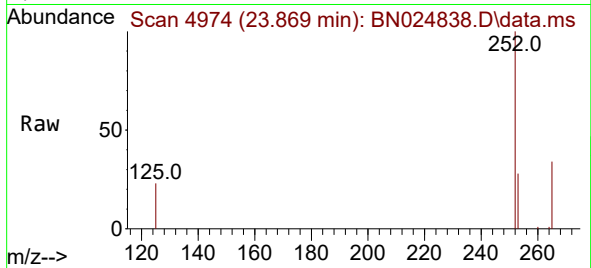
Tgt Ion:252 Resp: 27866
Ion Ratio Lower Upper
252 100
253 26.3 20.1 30.1
125 16.8 12.2 18.2



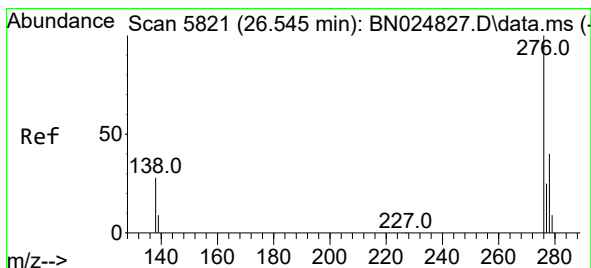
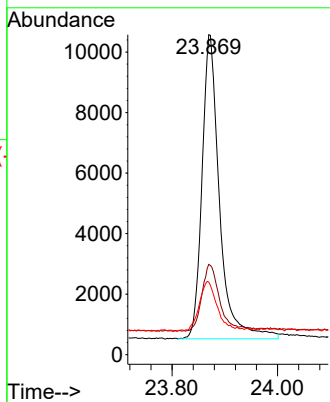
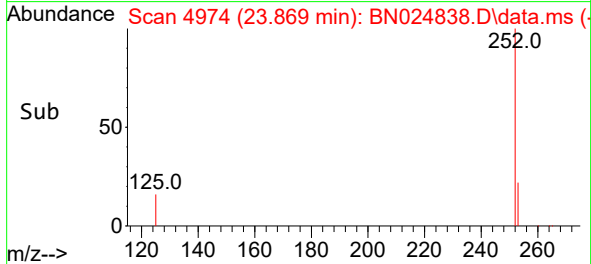


#26
Benzo(a)pyrene
Concen: 0.388 ng/ul
RT: 23.869 min Scan# 4974
Delta R.T. 0.001 min
Lab File: BN024838.D
Acq: 11 Apr 2023 16:35

Instrument :
BNA_N
ClientSampleId :

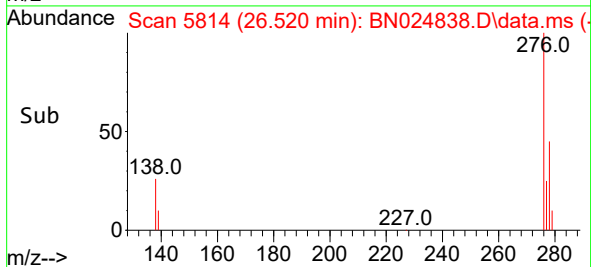
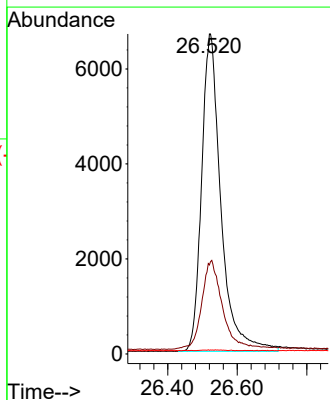
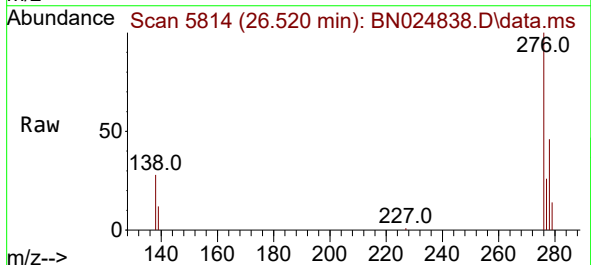


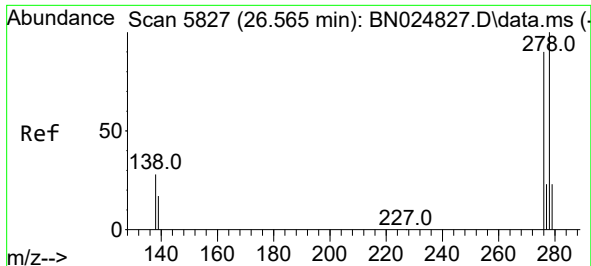
Tgt Ion:252 Resp: 23112
Ion Ratio Lower Upper
252 100
253 28.2 20.7 31.1
125 22.7 15.9 23.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.367 ng/ul
RT: 26.520 min Scan# 5814
Delta R.T. -0.015 min
Lab File: BN024838.D
Acq: 11 Apr 2023 16:35

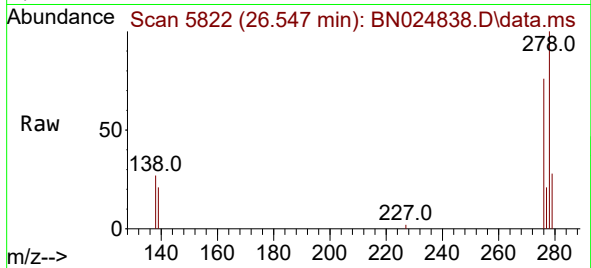
Tgt Ion:276 Resp: 25805
Ion Ratio Lower Upper
276 100
138 30.5 24.2 36.2
227 0.1 0.0 0.0#



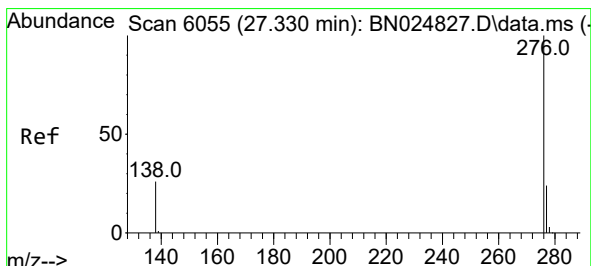
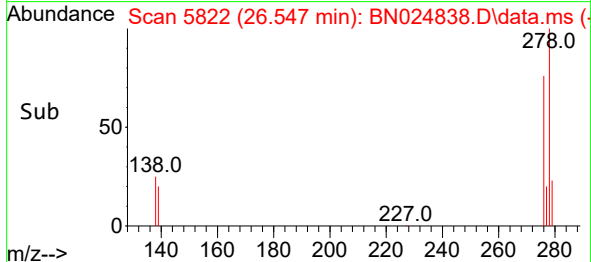
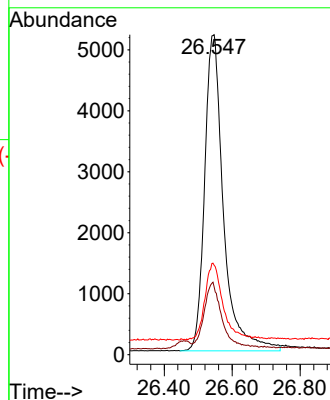


#28
Dibenzo(a,h)anthracene
Concen: 0.362 ng/ul
RT: 26.547 min Scan# 5822
Delta R.T. -0.012 min
Lab File: BN024838.D
Acq: 11 Apr 2023 16:35

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:278 Resp: 19994
Ion Ratio Lower Upper
278 100
139 21.2 16.4 24.6
279 28.0 21.1 31.7



#29
Benzo(g,h,i)perylene
Concen: 0.367 ng/ul
RT: 27.301 min Scan# 6047
Delta R.T. -0.025 min
Lab File: BN024838.D
Acq: 11 Apr 2023 16:35

Tgt Ion:276 Resp: 21838
Ion Ratio Lower Upper
276 100
138 26.8 21.0 31.4
277 24.9 19.7 29.5

