

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041123\
 Data File : BN024837.D
 Acq On : 11 Apr 2023 15:57
 Operator : CG/JU
 Sample : PB152001BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 12 01:10:46 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

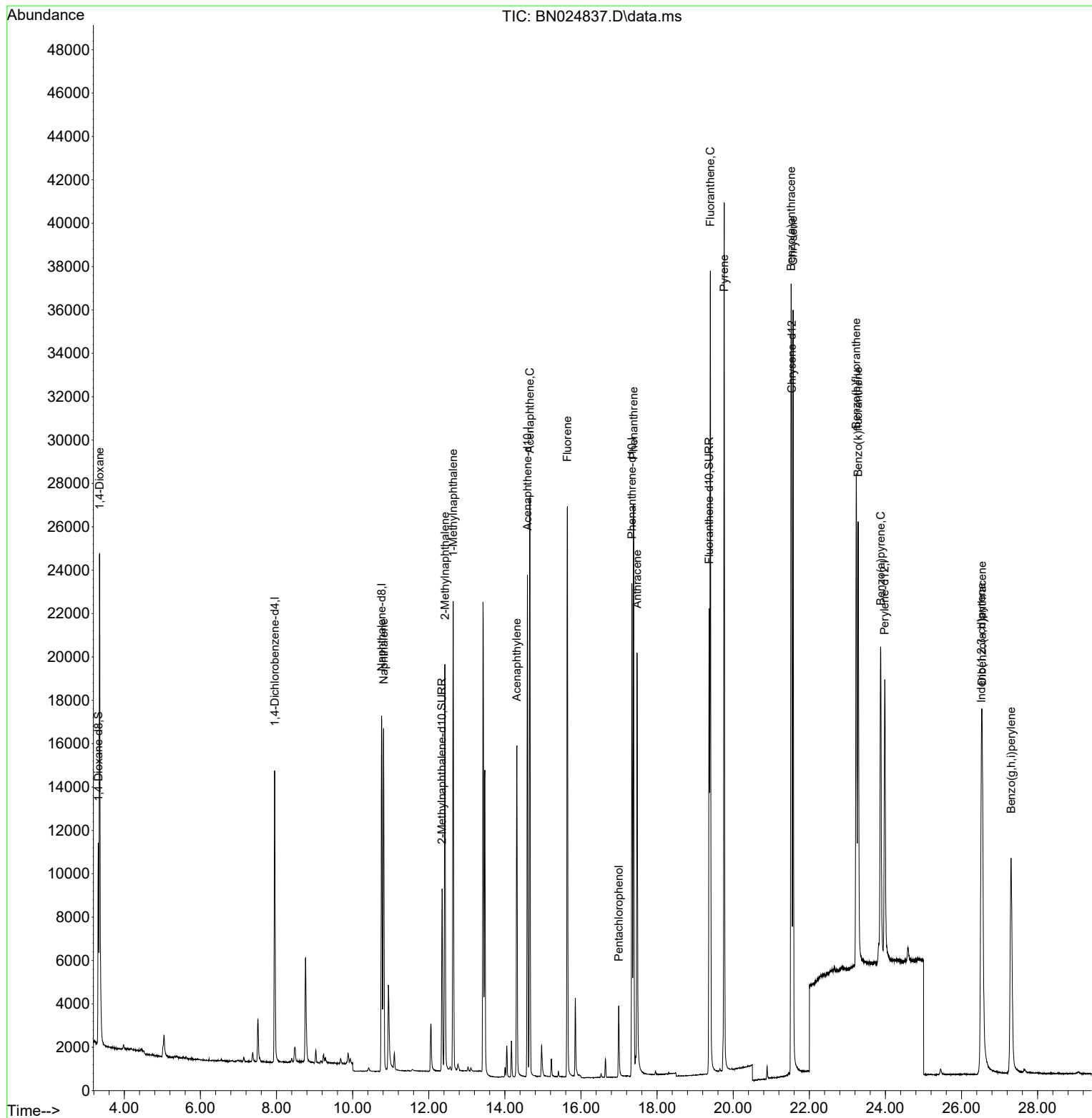
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.950	152	7372	0.400	ng/ul	0.00
4) Naphthalene-d8	10.759	136	21786	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.593	164	12224	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.338	188	26091	0.400	ng/ul	0.00
17) Chrysene-d12	21.538	240	22220	0.400	ng/ul	0.01
23) Perylene-d12	23.981	264	19388	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.318	96	5726	0.711	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.348	152	11127	0.398	ng/ul	0.00
18) Fluoranthene-d10	19.368	212	23945	0.434	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.352	88	15225	1.717	ng/ul	95
5) Naphthalene	10.814	128	21846	0.393	ng/ul	100
7) 2-Methylnaphthalene	12.425	142	13722	0.397	ng/ul	99
8) 1-Methylnaphthalene	12.640	142	14643	0.400	ng/ul	99
10) Acenaphthylene	14.316	152	18094	0.395	ng/ul	99
11) Acenaphthene	14.658	153	15514	0.395	ng/ul	99
12) Fluorene	15.643	166	17365	0.395	ng/ul	98
14) Pentachlorophenol	16.992	266	2445	0.439	ng/ul	97
15) Phenanthrene	17.380	178	28396	0.386	ng/ul	100
16) Anthracene	17.473	178	23601	0.386	ng/ul	99
19) Fluoranthene	19.400	202	32553	0.425	ng/ul	99
20) Pyrene	19.763	202	33311	0.425	ng/ul	99
21) Benzo(a)anthracene	21.520	228	29453	0.420	ng/ul	100
22) Chrysene	21.575	228	32105	0.423	ng/ul	100
24) Benzo(b)fluoranthene	23.233	252	30948	0.398	ng/ul	98
25) Benzo(k)fluoranthene	23.282	252	30402	0.401	ng/ul	98
26) Benzo(a)pyrene	23.876	252	25161	0.390	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.520	276	28161	0.370	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.544	278	21849	0.366	ng/ul	98
29) Benzo(g,h,i)perylene	27.302	276	24738	0.384	ng/ul	99

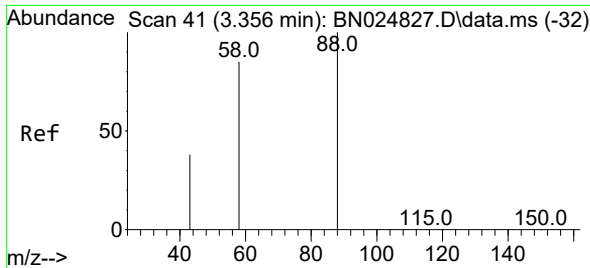
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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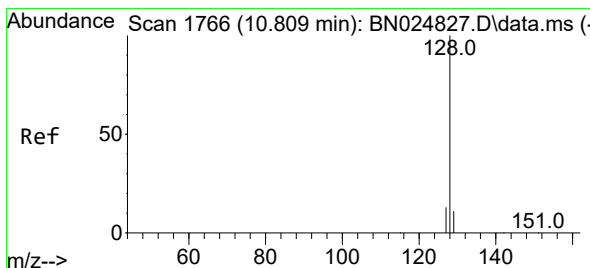
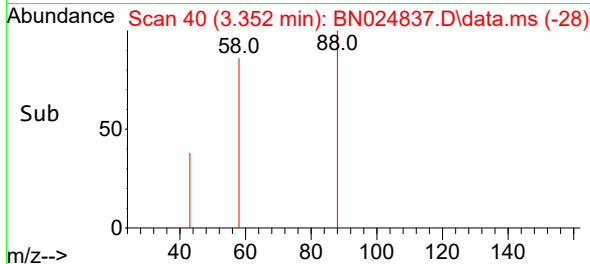
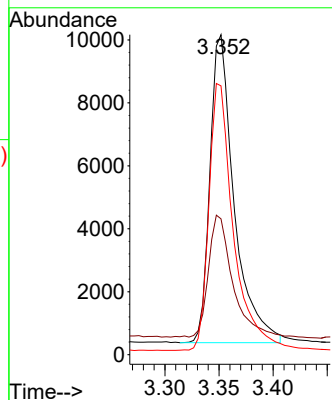
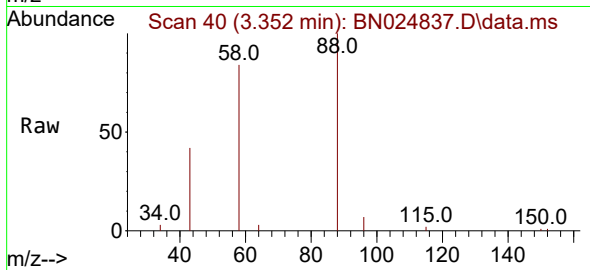




#2
 1,4-Dioxane
 Concen: 1.717 ng/ul
 RT: 3.352 min Scan# 40
 Delta R.T. -0.000 min
 Lab File: BN024837.D
 Acq: 11 Apr 2023 15:57

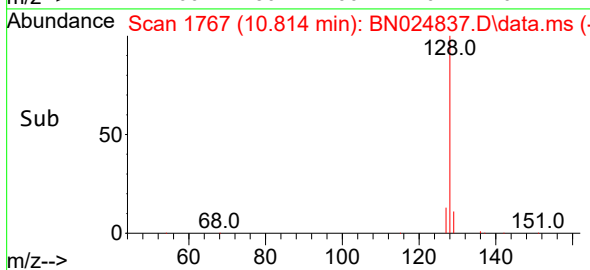
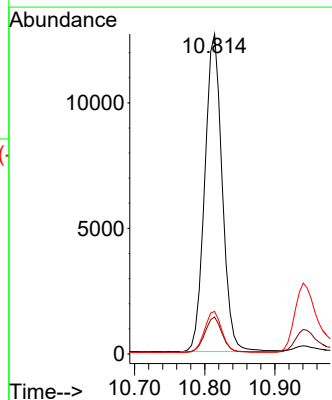
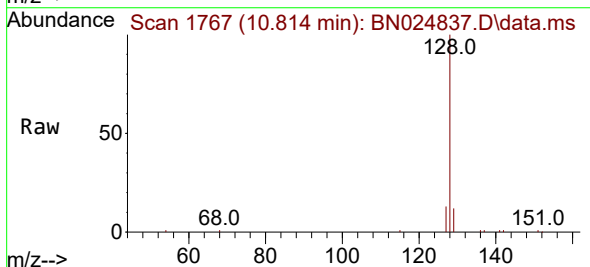
Instrument :
 BNA_N
 ClientSampleId :

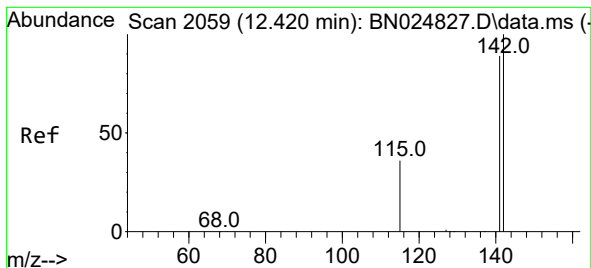
Tgt Ion: 88 Resp: 15225
 Ion Ratio Lower Upper
 88 100
 43 42.5 39.1 58.7
 58 84.0 65.7 98.5



#5
 Naphthalene
 Concen: 0.393 ng/ul
 RT: 10.814 min Scan# 1767
 Delta R.T. -0.000 min
 Lab File: BN024837.D
 Acq: 11 Apr 2023 15:57

Tgt Ion: 128 Resp: 21846
 Ion Ratio Lower Upper
 128 100
 129 11.5 9.1 13.7
 127 13.3 10.5 15.7





#7

2-Methylnaphthalene

Concen: 0.397 ng/ul

RT: 12.425 min Scan# 2059

Delta R.T. -0.000 min

Lab File: BN024837.D

Acq: 11 Apr 2023 15:57

Instrument :

BNA_N

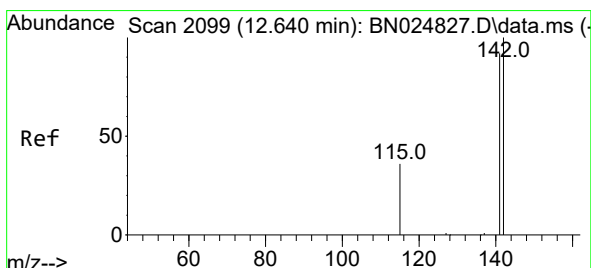
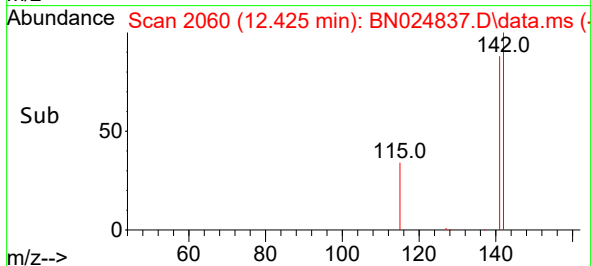
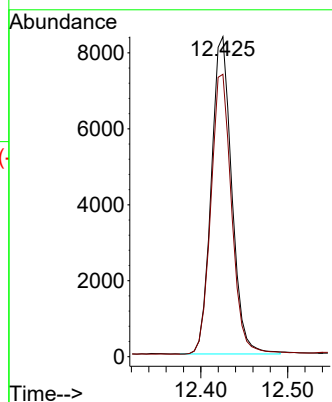
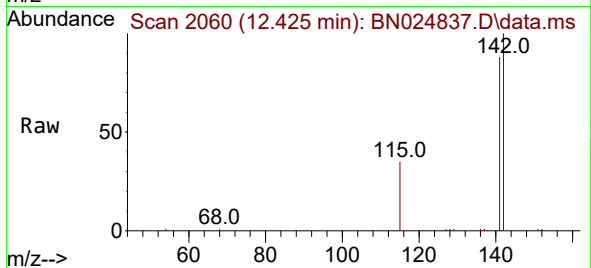
ClientSampleId :

Tgt Ion:142 Resp: 13722

Ion Ratio Lower Upper

142 100

141 89.1 70.7 106.1



#8

1-Methylnaphthalene

Concen: 0.400 ng/ul

RT: 12.640 min Scan# 2099

Delta R.T. -0.000 min

Lab File: BN024837.D

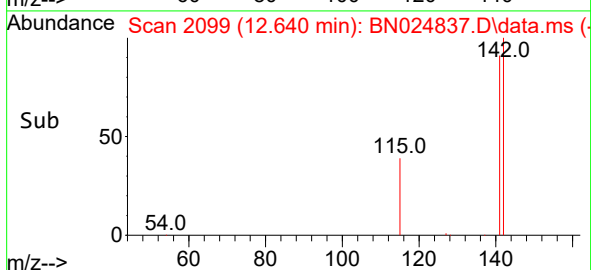
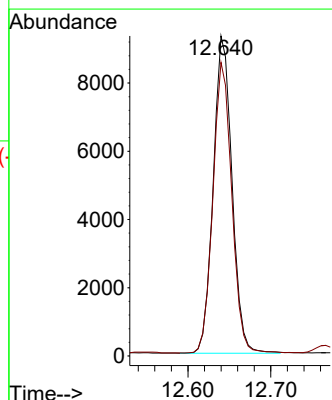
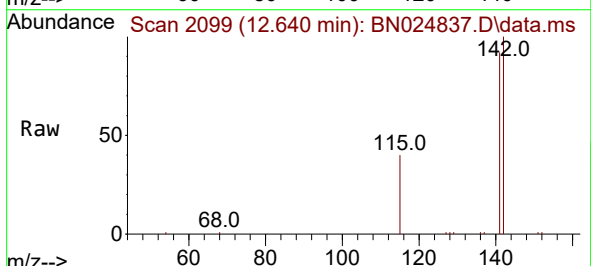
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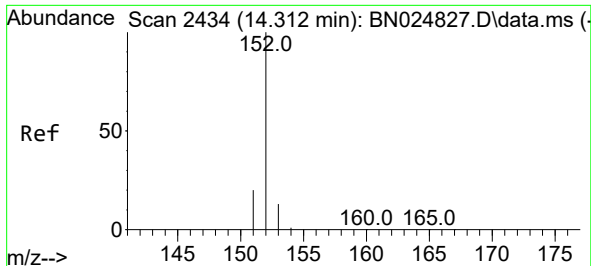
Tgt Ion:142 Resp: 14643

Ion Ratio Lower Upper

142 100

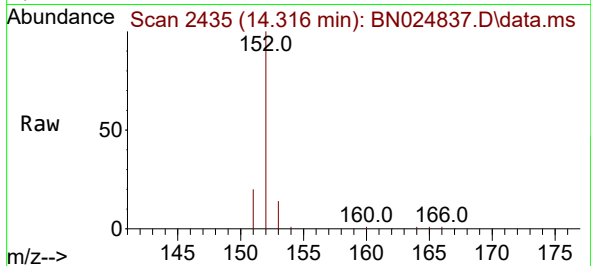
141 91.8 74.0 111.0



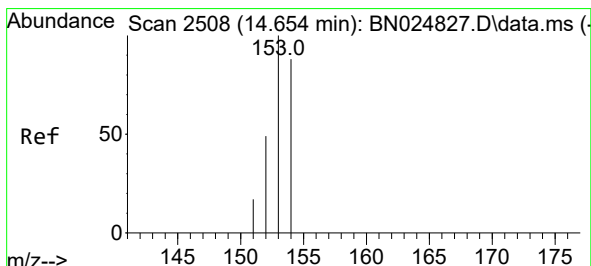
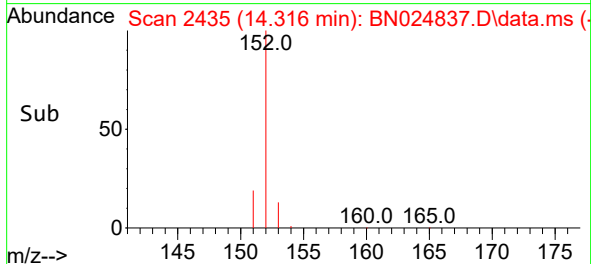
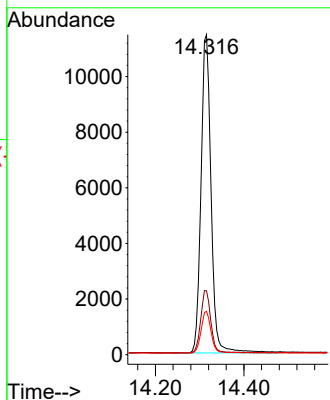


#10
Acenaphthylene
Concen: 0.395 ng/ul
RT: 14.316 min Scan# 2434
Delta R.T. -0.001 min
Lab File: BN024837.D
Acq: 11 Apr 2023 15:57

Instrument :
BNA_N
ClientSampleId :

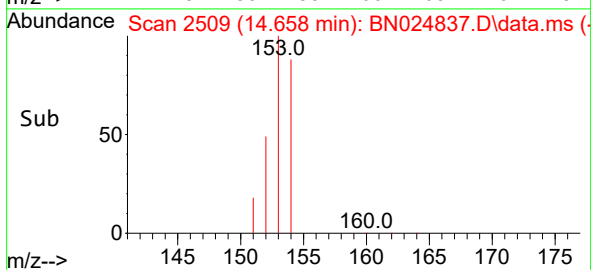
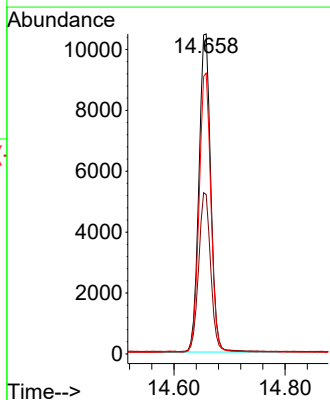
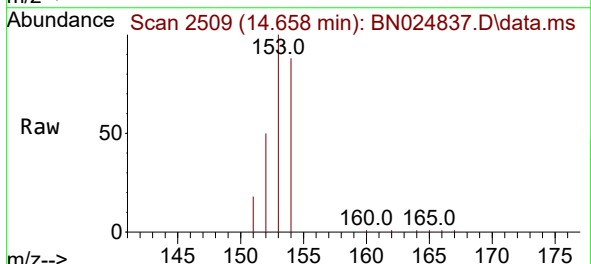


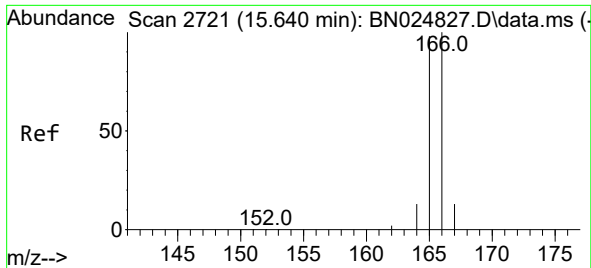
Tgt Ion:152 Resp: 18094
Ion Ratio Lower Upper
152 100
151 20.0 15.7 23.5
153 13.6 10.6 16.0



#11
Acenaphthene
Concen: 0.395 ng/ul
RT: 14.658 min Scan# 2509
Delta R.T. 0.004 min
Lab File: BN024837.D
Acq: 11 Apr 2023 15:57

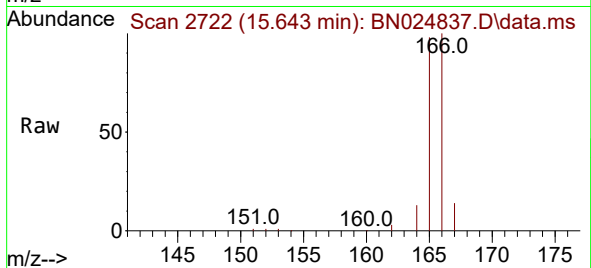
Tgt Ion:153 Resp: 15514
Ion Ratio Lower Upper
153 100
152 49.8 40.7 61.1
154 87.8 69.4 104.2



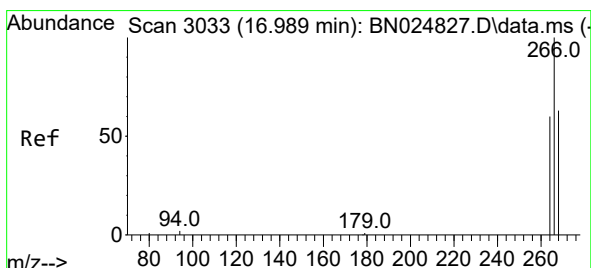
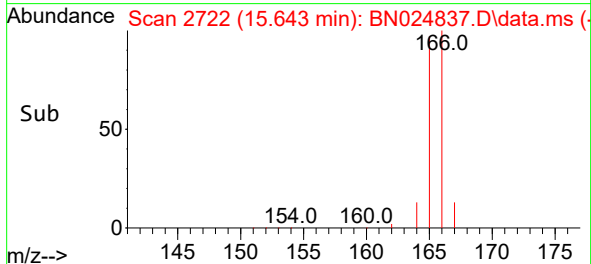
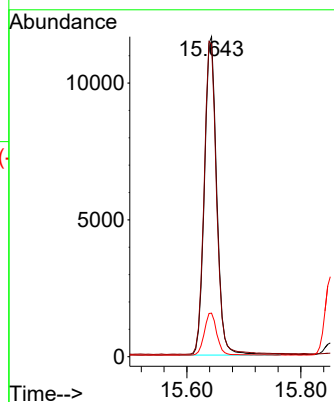


#12
 Fluorene
 Concen: 0.395 ng/ul
 RT: 15.643 min Scan# 21
 Delta R.T. 0.004 min
 Lab File: BN024837.D
 Acq: 11 Apr 2023 15:57

Instrument :
 BNA_N
 ClientSampleId :

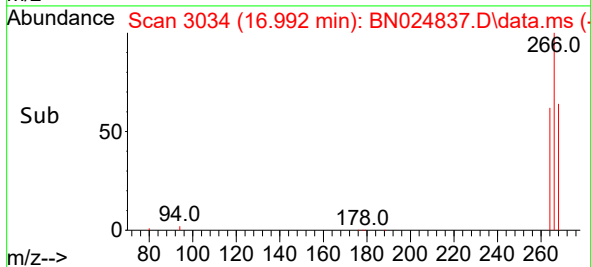
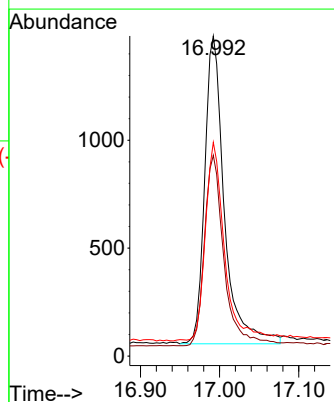
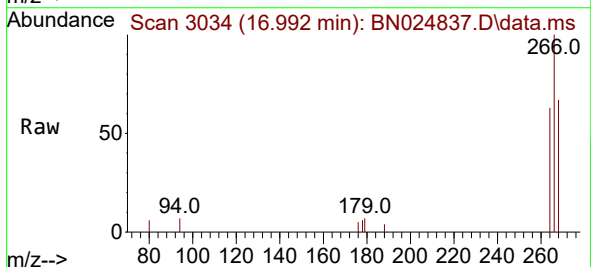


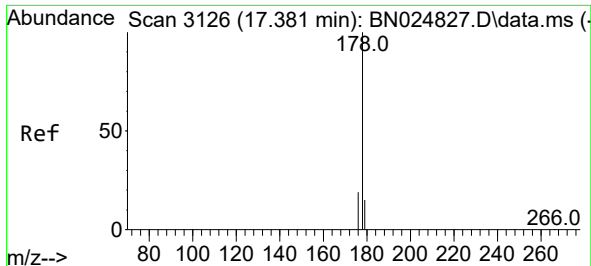
Tgt Ion:166 Resp: 17365
 Ion Ratio Lower Upper
 166 100
 165 97.6 80.1 120.1
 167 13.6 10.7 16.1



#14
 Pentachlorophenol
 Concen: 0.439 ng/ul
 RT: 16.992 min Scan# 3034
 Delta R.T. -0.001 min
 Lab File: BN024837.D
 Acq: 11 Apr 2023 15:57

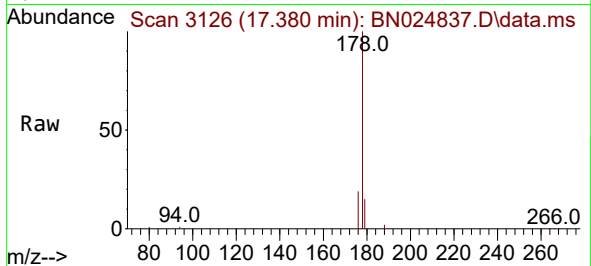
Tgt Ion:266 Resp: 2445
 Ion Ratio Lower Upper
 266 100
 264 61.7 51.2 76.8
 268 62.7 51.4 77.2



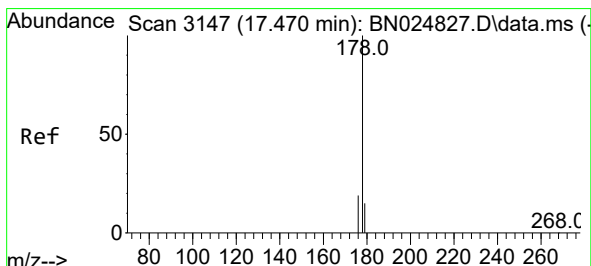
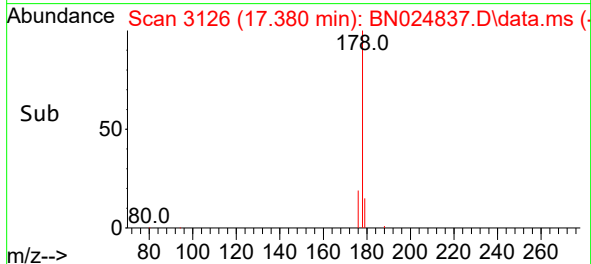
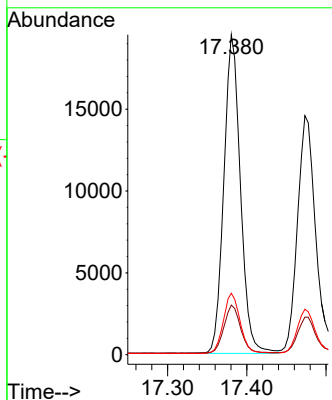


#15
Phenanthrene
Concen: 0.386 ng/ul
RT: 17.380 min Scan# 3126
Delta R.T. -0.001 min
Lab File: BN024837.D
Acq: 11 Apr 2023 15:57

Instrument :
BNA_N
ClientSampleId :

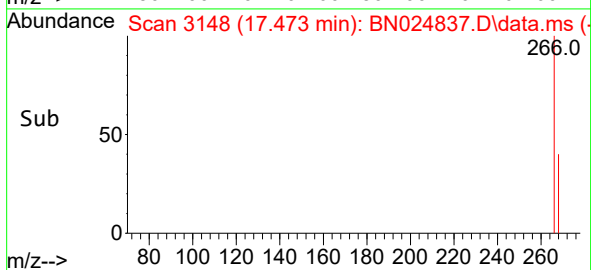
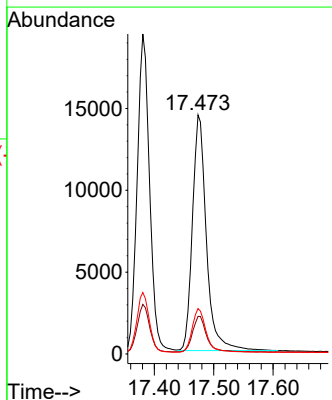
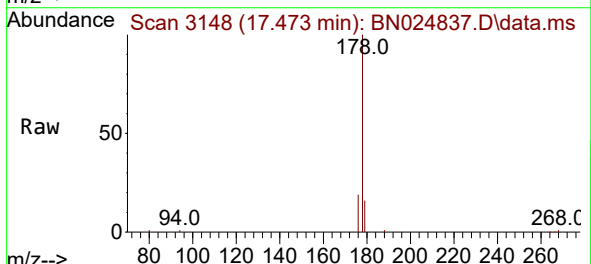


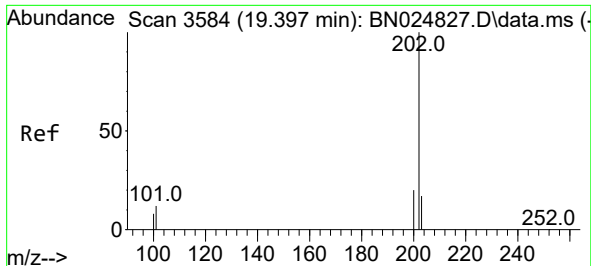
Tgt Ion:178 Resp: 28396
Ion Ratio Lower Upper
178 100
179 15.5 12.3 18.5
176 19.2 15.4 23.0



#16
Anthracene
Concen: 0.386 ng/ul
RT: 17.473 min Scan# 3148
Delta R.T. -0.001 min
Lab File: BN024837.D
Acq: 11 Apr 2023 15:57

Tgt Ion:178 Resp: 23601
Ion Ratio Lower Upper
178 100
179 15.7 12.4 18.6
176 19.0 14.7 22.1





#19

Fluoranthene

Concen: 0.425 ng/ul

RT: 19.400 min Scan# 3584

Delta R.T. 0.004 min

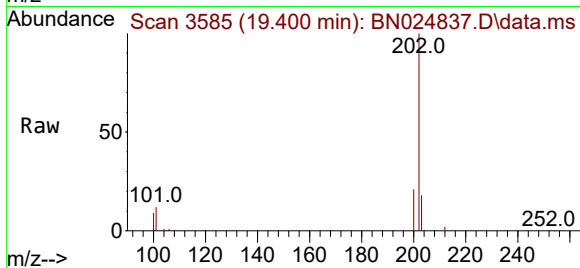
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Instrument :

BNA_N

ClientSampleId :



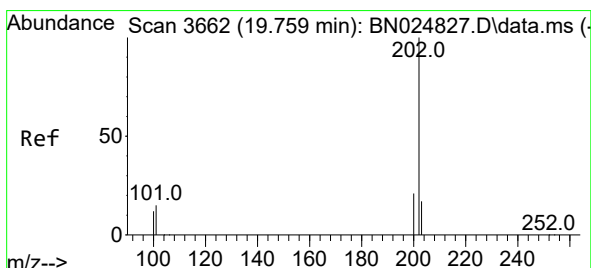
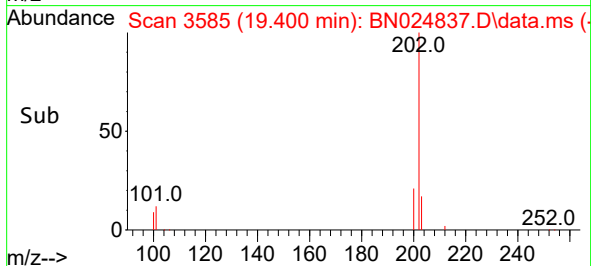
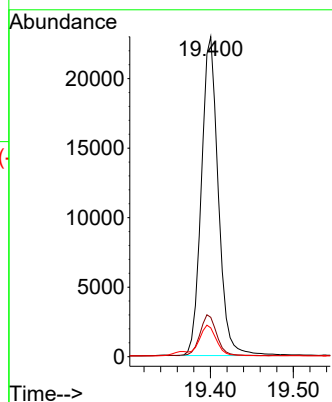
Tgt Ion:202 Resp: 32553

Ion Ratio Lower Upper

202 100

101 12.3 10.0 15.0

100 9.0 7.5 11.3



#20

Pyrene

Concen: 0.425 ng/ul

RT: 19.763 min Scan# 3663

Delta R.T. 0.004 min

Lab File: BN024837.D

Acq: 11 Apr 2023 15:57

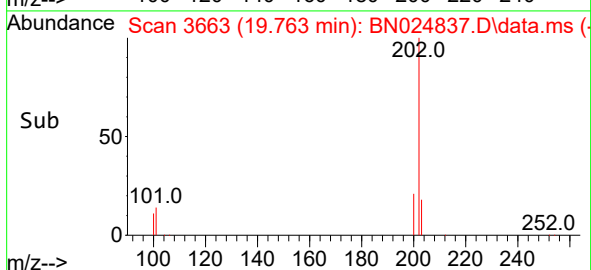
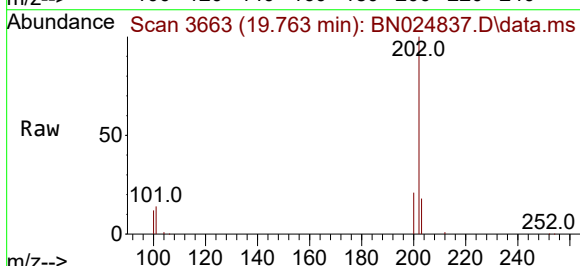
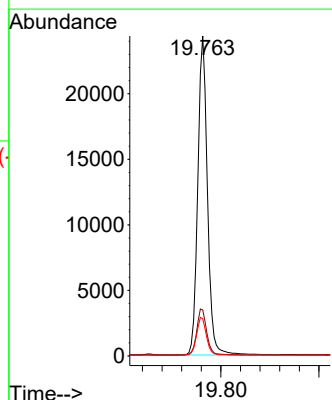
Tgt Ion:202 Resp: 33311

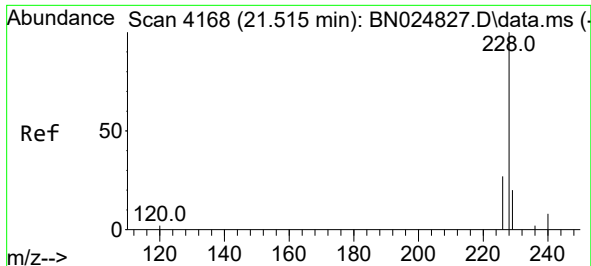
Ion Ratio Lower Upper

202 100

101 14.4 11.8 17.8

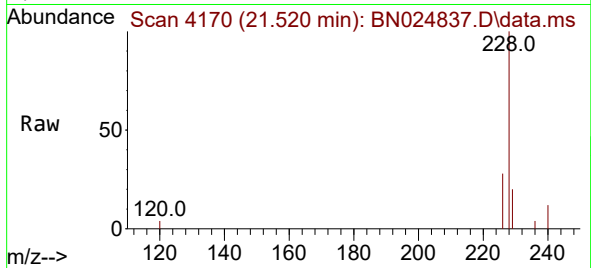
100 11.7 9.5 14.3



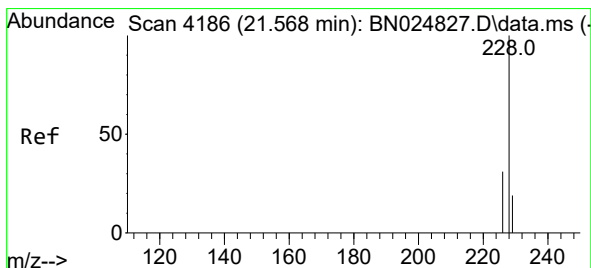
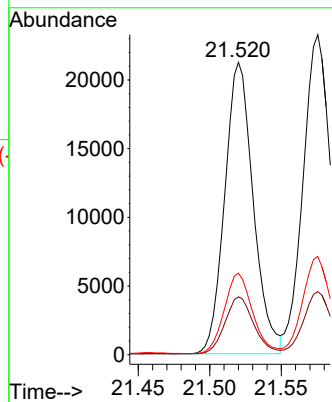
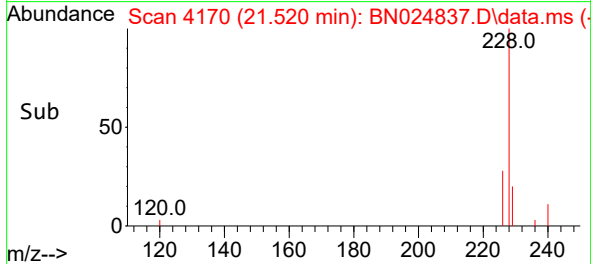


#21
Benzo(a)anthracene
Concen: 0.420 ng/ul
RT: 21.520 min Scan# 4170
Delta R.T. 0.011 min
Lab File: BN024837.D
Acq: 11 Apr 2023 15:57

Instrument :
BNA_N
ClientSampleId :

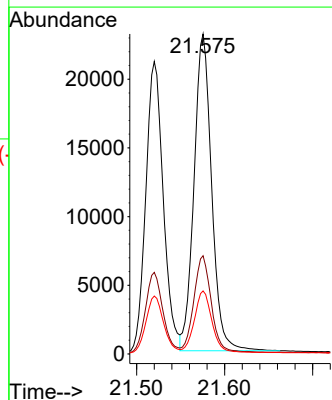
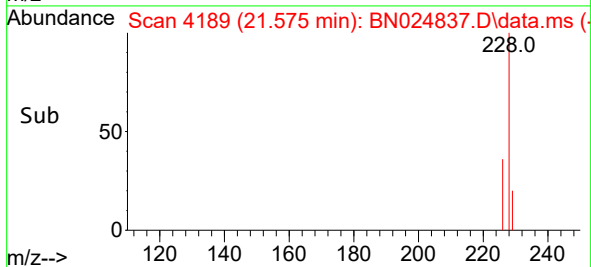
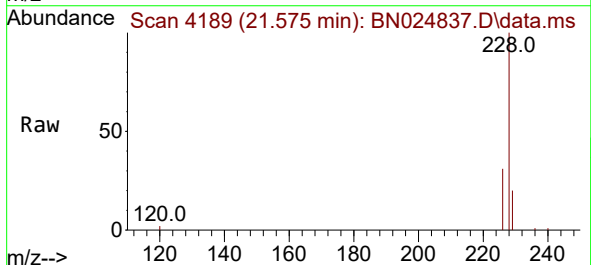


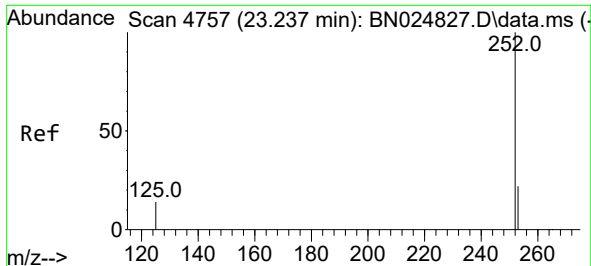
Tgt Ion:228 Resp: 29453
Ion Ratio Lower Upper
228 100
229 19.8 15.8 23.8
226 27.9 22.2 33.2



#22
Chrysene
Concen: 0.423 ng/ul
RT: 21.575 min Scan# 4189
Delta R.T. 0.011 min
Lab File: BN024837.D
Acq: 11 Apr 2023 15:57

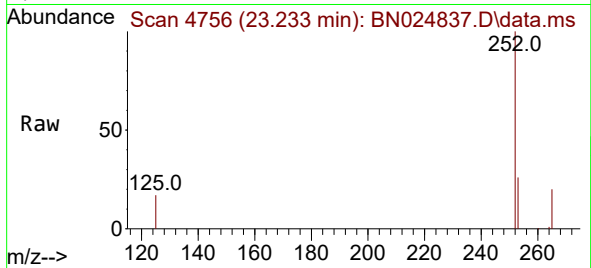
Tgt Ion:228 Resp: 32105
Ion Ratio Lower Upper
228 100
226 30.7 24.3 36.5
229 19.7 15.7 23.5



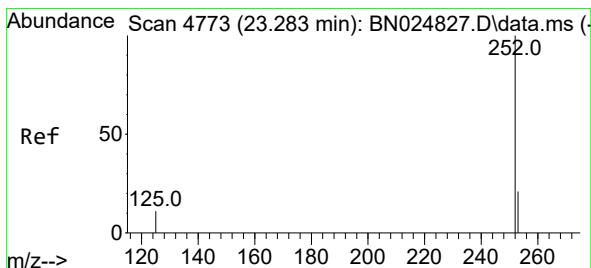
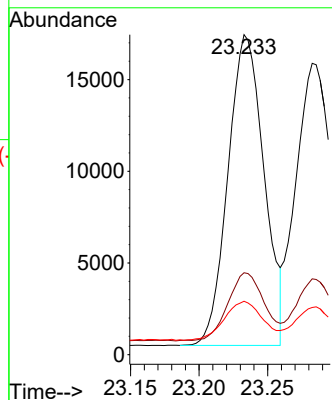


#24
Benzo(b)fluoranthene
Concen: 0.398 ng/ul
RT: 23.233 min Scan# 4756
Delta R.T. 0.005 min
Lab File: BN024837.D
Acq: 11 Apr 2023 15:57

Instrument :
BNA_N
ClientSampleId :

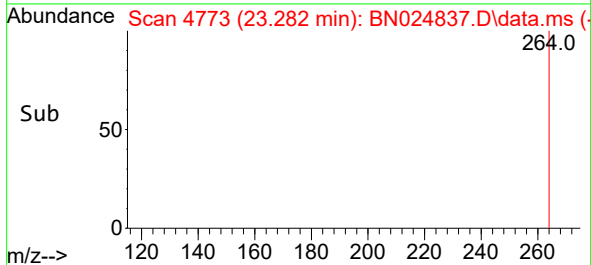
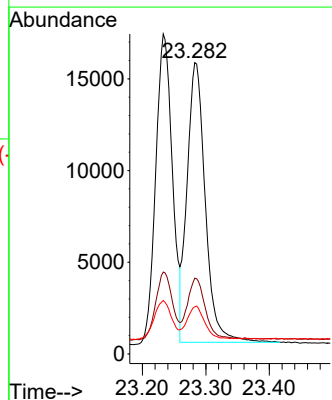
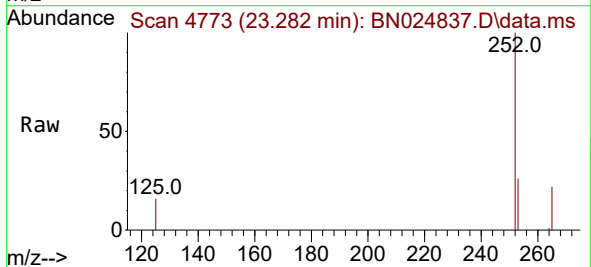


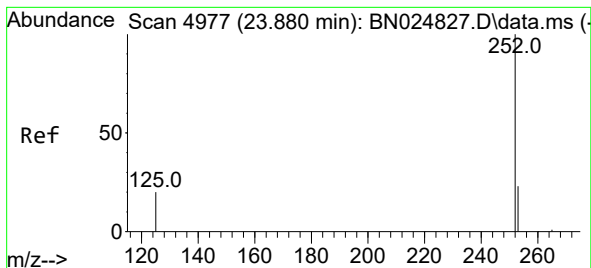
Tgt Ion:252 Resp: 30948
Ion Ratio Lower Upper
252 100
253 25.6 0.0 49.4
125 16.7 0.0 31.2



#25
Benzo(k)fluoranthene
Concen: 0.401 ng/ul
RT: 23.282 min Scan# 4773
Delta R.T. 0.002 min
Lab File: BN024837.D
Acq: 11 Apr 2023 15:57

Tgt Ion:252 Resp: 30402
Ion Ratio Lower Upper
252 100
253 26.1 20.1 30.1
125 16.2 12.2 18.2





#26

Benzo(a)pyrene

Concen: 0.390 ng/ul

RT: 23.876 min Scan# 4976

Delta R.T. 0.008 min

Lab File: BN024837.D

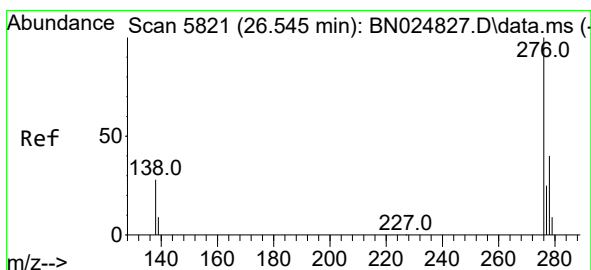
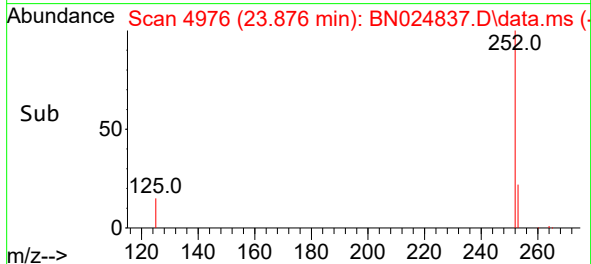
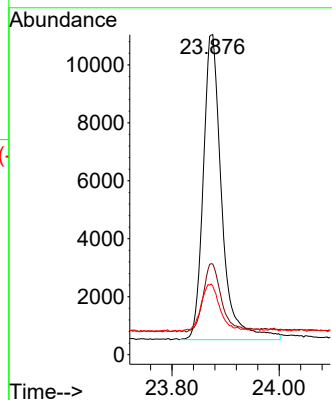
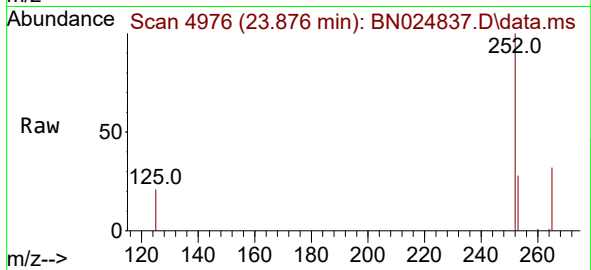
Acq: 11 Apr 2023 15:57

Instrument :

BNA_N

ClientSampleId :

Tgt Ion:252	Resp:	25161
Ion Ratio	Lower	Upper
252	100	
253	28.3	20.7 31.1
125	21.4	15.9 23.9



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.370 ng/ul

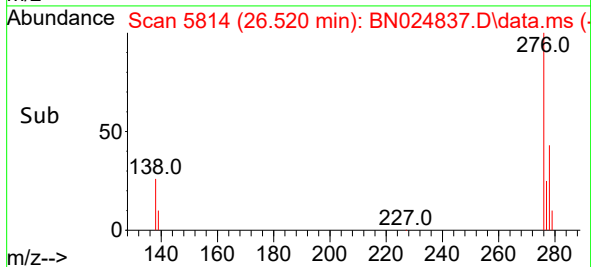
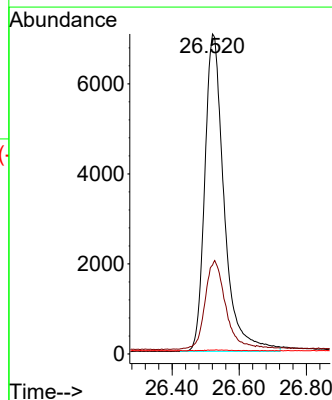
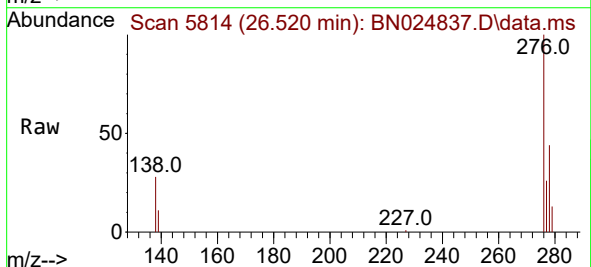
RT: 26.520 min Scan# 5814

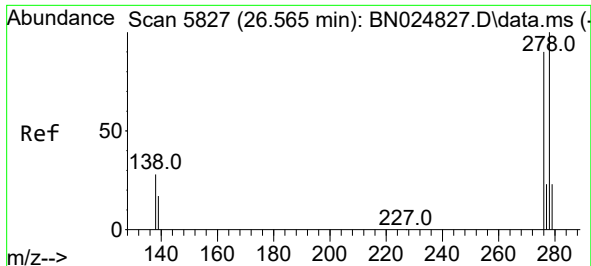
Delta R.T. -0.014 min

Lab File: BN024837.D

Acq: 11 Apr 2023 15:57

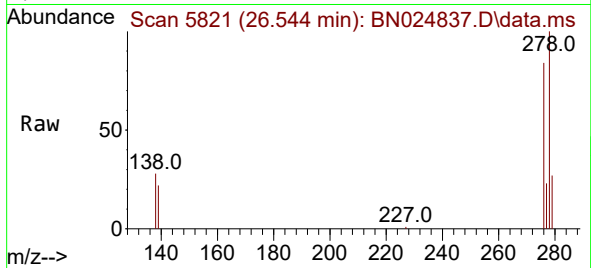
Tgt Ion:276	Resp:	28161
Ion Ratio	Lower	Upper
276	100	
138	30.1	24.2 36.2
227	0.1	0.0 0.0#



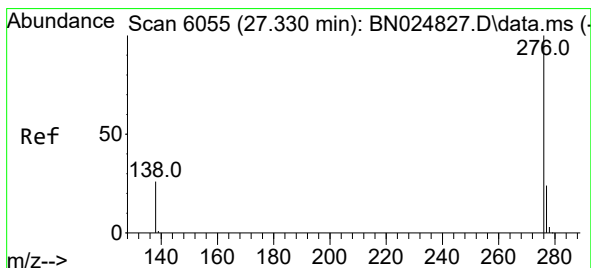
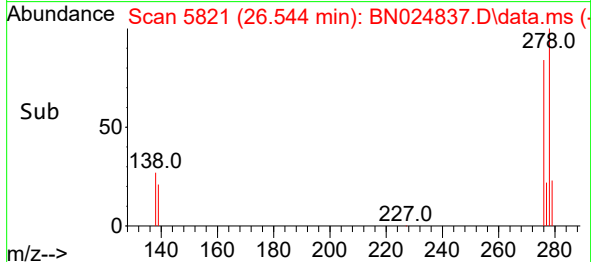
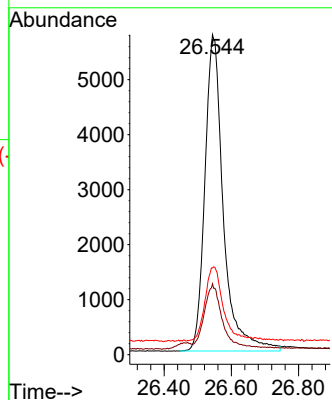


#28
Dibenzo(a,h)anthracene
Concen: 0.366 ng/ul
RT: 26.544 min Scan# 51
Delta R.T. -0.014 min
Lab File: BN024837.D
Acq: 11 Apr 2023 15:57

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:278 Resp: 21849
Ion Ratio Lower Upper
278 100
139 22.2 16.4 24.6
279 27.1 21.1 31.7



#29
Benzo(g,h,i)perylene
Concen: 0.384 ng/ul
RT: 27.302 min Scan# 6047
Delta R.T. -0.024 min
Lab File: BN024837.D
Acq: 11 Apr 2023 15:57

Tgt Ion:276 Resp: 24738
Ion Ratio Lower Upper
276 100
138 27.5 21.0 31.4
277 24.6 19.7 29.5

