

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 :
 SLCS001

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)

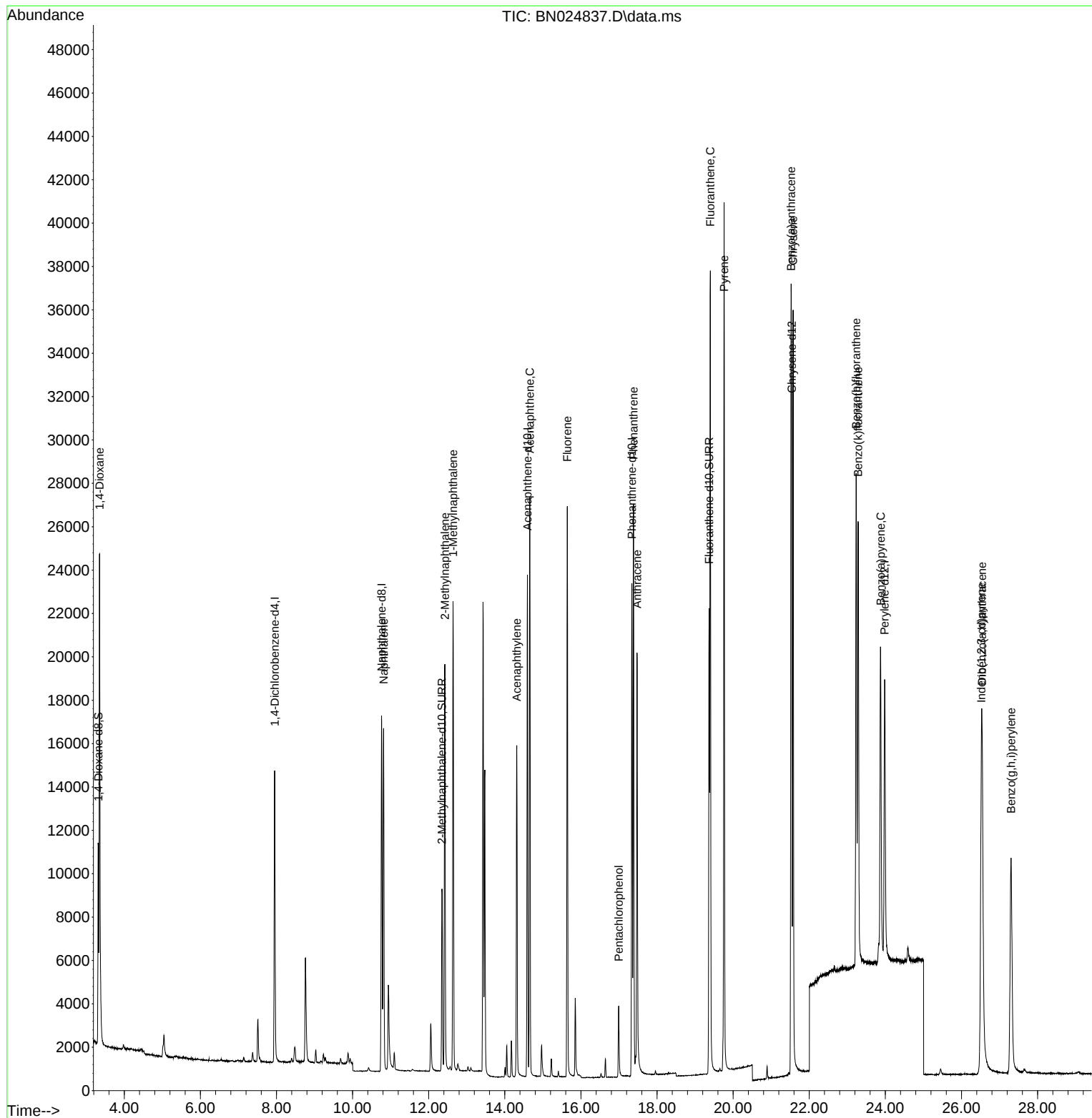
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.950	152	7372	0.400	ng/u1	0.00
4) Naphthalene-d8	10.759	136	21786	0.400	ng/u1	0.00
9) Acenaphthene-d10	14.593	164	12224	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.338	188	26091	0.400	ng/u1	0.00
17) Chrysene-d12	21.538	240	22220	0.400	ng/u1	0.01
23) Perylene-d12	23.981	264	19388	0.400	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.318	96	5726	0.711	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.348	152	11127	0.398	ng/u1	0.00
18) Fluoranthene-d10	19.368	212	23945	0.434	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.352	88	15225	1.717	ng/u1	95
5) Naphthalene	10.814	128	21846	0.393	ng/u1	100
7) 2-Methylnaphthalene	12.425	142	13722	0.397	ng/u1	99
8) 1-Methylnaphthalene	12.640	142	14643	0.400	ng/u1	99
10) Acenaphthylene	14.316	152	18094	0.395	ng/u1	99
11) Acenaphthene	14.658	153	15514	0.395	ng/u1	99
12) Fluorene	15.643	166	17365	0.395	ng/u1	98
14) Pentachlorophenol	16.992	266	2445	0.439	ng/u1	97
15) Phenanthrene	17.380	178	28396	0.386	ng/u1	100
16) Anthracene	17.473	178	23601	0.386	ng/u1	99
19) Fluoranthene	19.400	202	32553	0.425	ng/u1	99
20) Pyrene	19.763	202	33311	0.425	ng/u1	99
21) Benzo(a)anthracene	21.520	228	29453	0.420	ng/u1	100
22) Chrysene	21.575	228	32105	0.423	ng/u1	100
24) Benzo(b)fluoranthene	23.233	252	30948	0.398	ng/u1	98
25) Benzo(k)fluoranthene	23.282	252	30402	0.401	ng/u1	98
26) Benzo(a)pyrene	23.876	252	25161	0.390	ng/u1	96
27) Indeno(1,2,3-cd)pyrene	26.520	276	28161	0.370	ng/u1#	100
28) Dibenzo(a,h)anthracene	26.544	278	21849	0.366	ng/u1	98
29) Benzo(g,h,i)perylene	27.302	276	24738	0.384	ng/u1	99

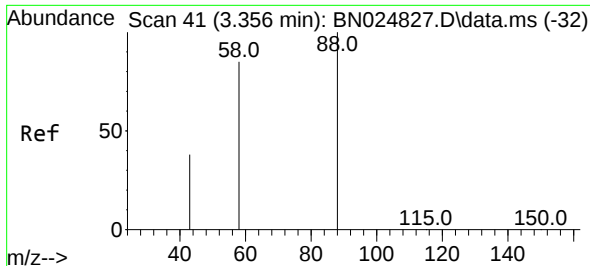
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 :
SLCS001

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

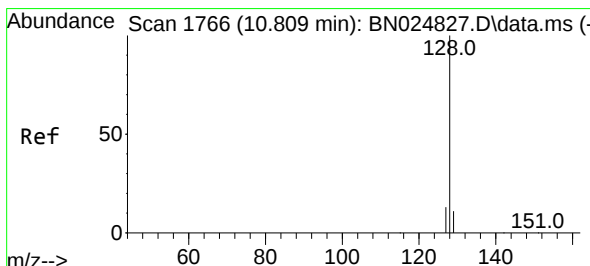
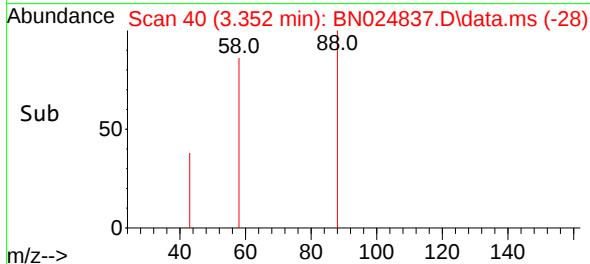
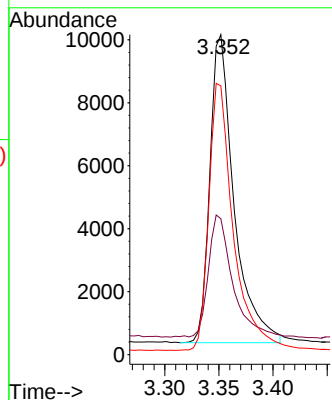
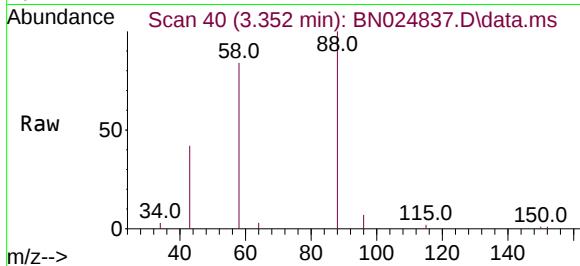




#2
1,4-Dioxane
Concen: 1.717 ng/ul
RT: 3.352 min Scan# 40
Delta R.T. -0.000 min
Lab File: BN024837.D
Acq: 11 Apr 2023 15:57

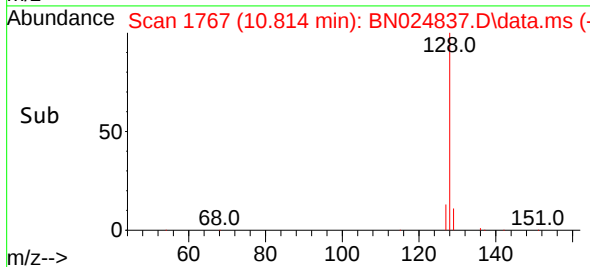
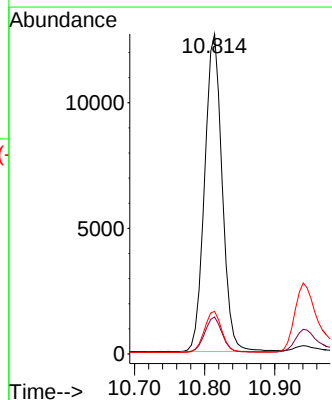
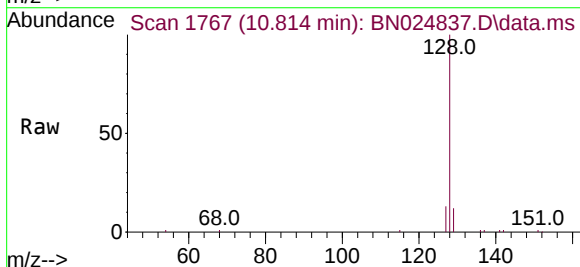
Instrument :
BNA_N
ClientSampleId :
SLCS001

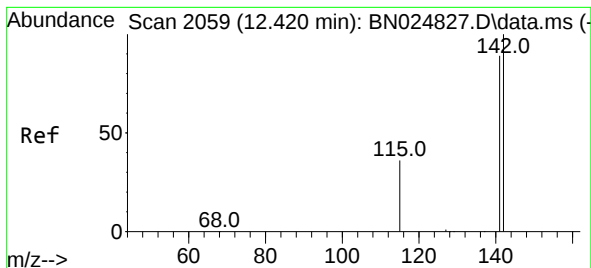
Tgt Ion: 88 Resp: 15225
Ion Ratio Lower Upper
88 100
43 42.5 39.1 58.7
58 84.0 65.7 98.5



#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

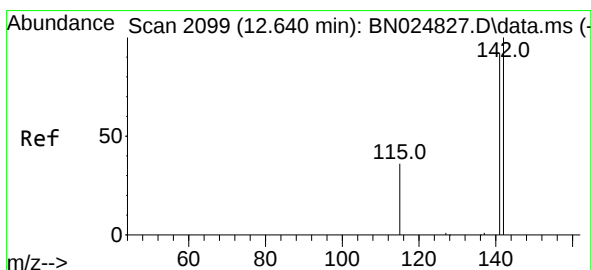
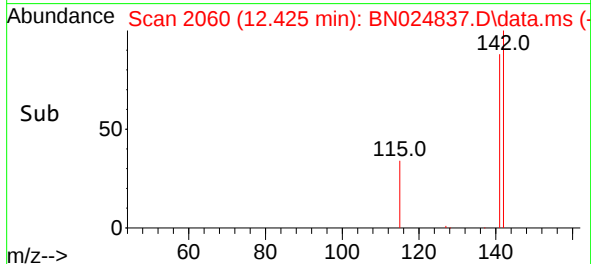
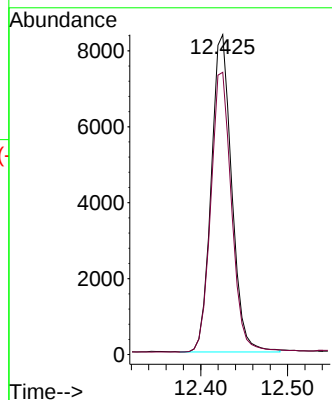
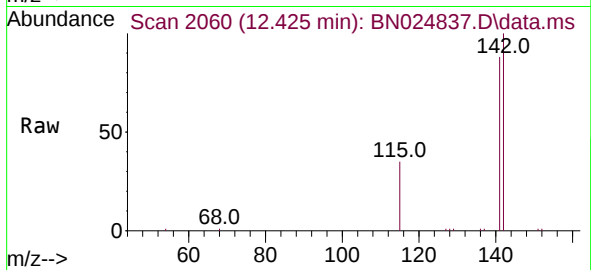




#7
2-Methylnaphthalene
Concen: 0.397 ng/ul
RT: 12.425 min Scan# 2059
Delta R.T. -0.000 min
Lab File: BN024837.D
Acq: 11 Apr 2023 15:57

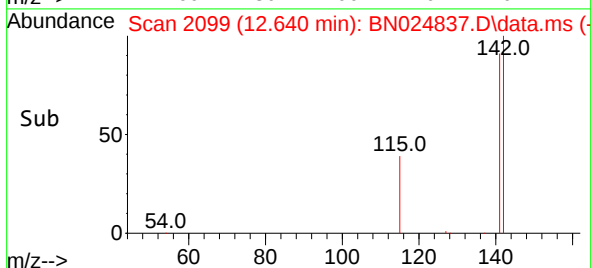
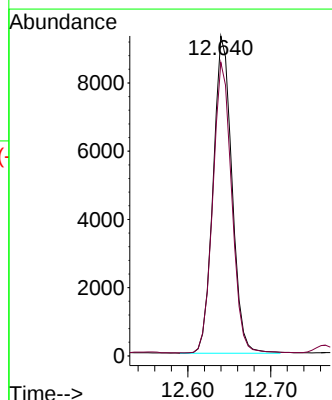
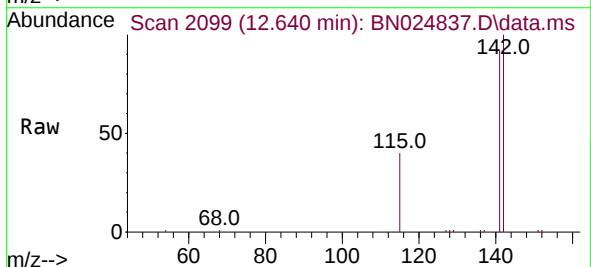
Instrument :
BNA_N
ClientSampleId :
SLCS001

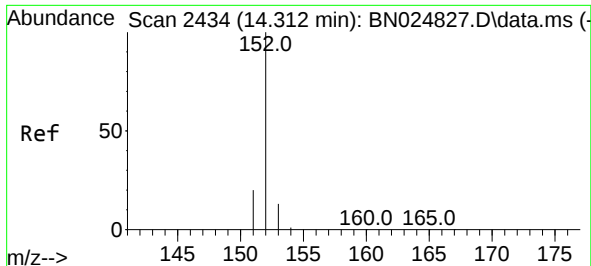
Tgt Ion:142 Resp: 13722
Ion Ratio Lower Upper
142 100
141 89.1 70.7 106.1



#8
1-Methylnaphthalene
Concen: 0.400 ng/ul
RT: 12.640 min Scan# 2099
Delta R.T. -0.000 min
Lab File: BN024837.D
Acq: 11 Apr 2023 15:57

Tgt Ion:142 Resp: 14643
Ion Ratio Lower Upper
142 100
141 91.8 74.0 111.0

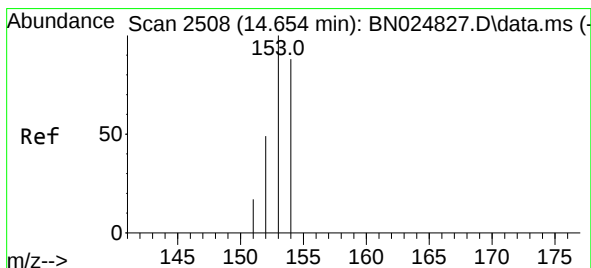
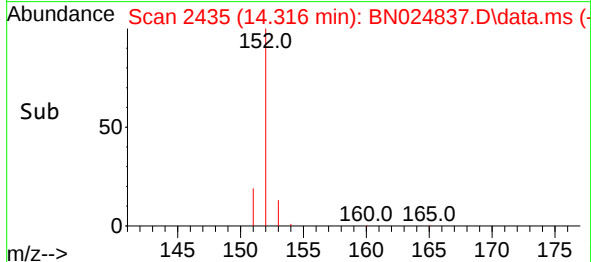
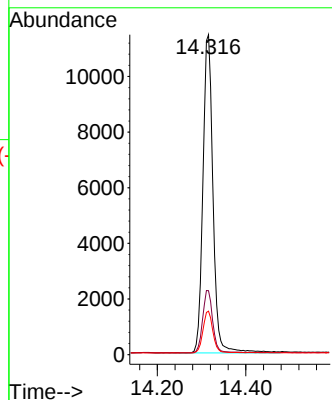
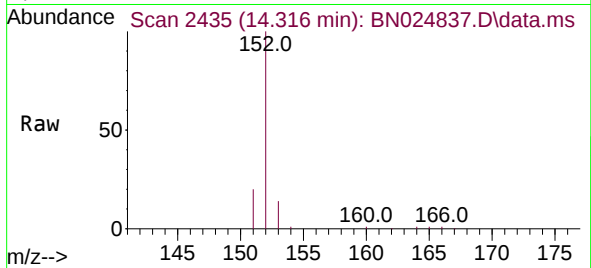




#10
Acenaphthylene
Concen: 0.395 ng/ul
RT: 14.316 min Scan# 2435
Delta R.T. -0.001 min
Lab File: BN024837.D
Acq: 11 Apr 2023 15:57

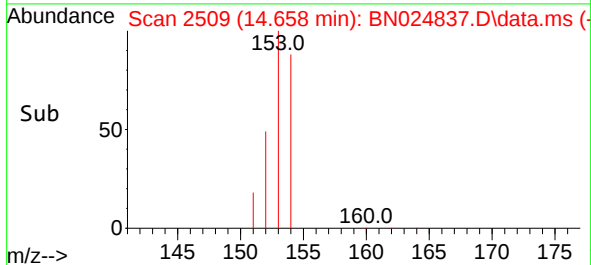
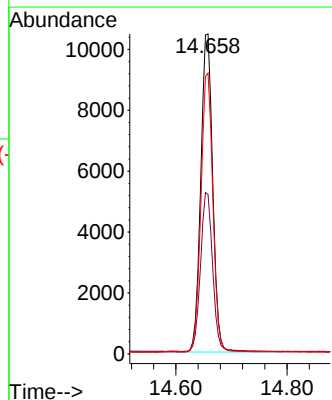
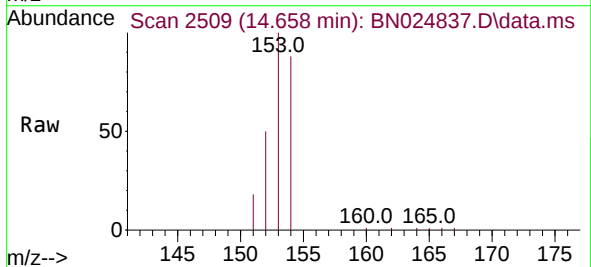
Instrument :
BNA_N
ClientSampleId :
SLCS001

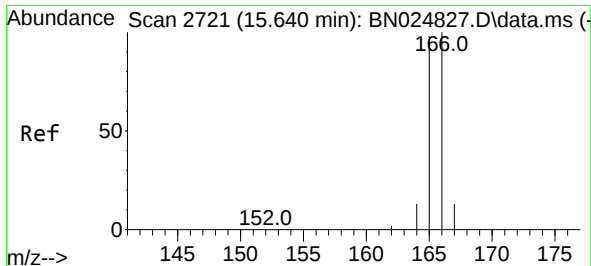
Tgt Ion:152 Resp: 18094
Ion Ratio Lower Upper
152 100
151 20.0 15.7 23.5
153 13.6 10.6 16.0



#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

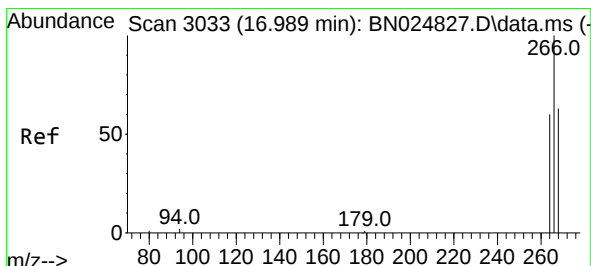
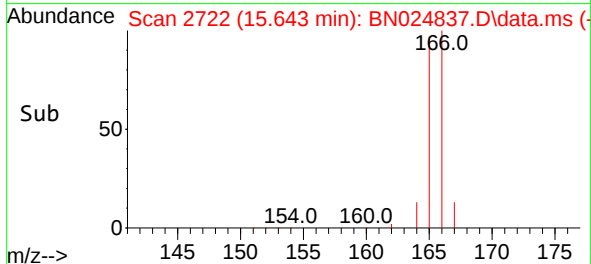
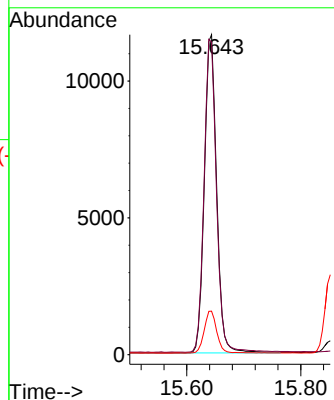
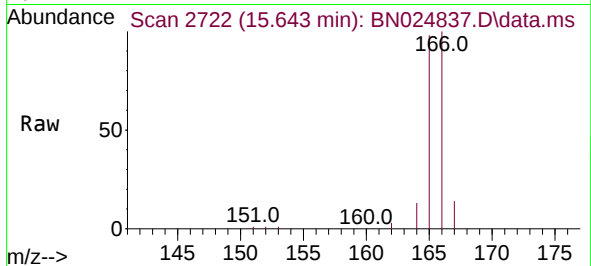




#12
Fluorene
Concen: 0.395 ng/ul
RT: 15.643 min Scan# 21
Delta R.T. 0.004 min
Lab File: BN024837.D
Acq: 11 Apr 2023 15:57

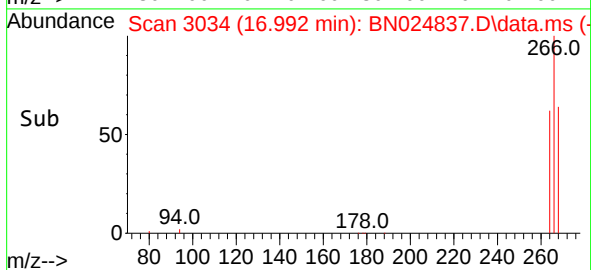
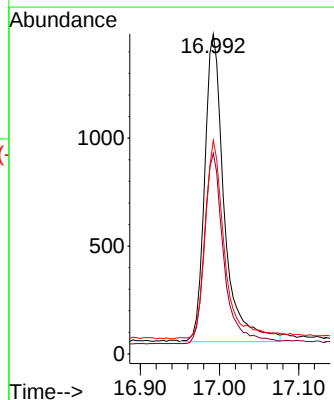
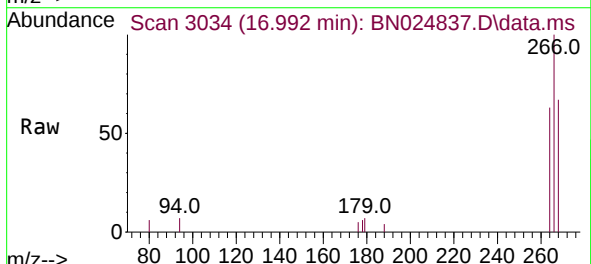
Instrument :
BNA_N
ClientSampleId :
SLCS001

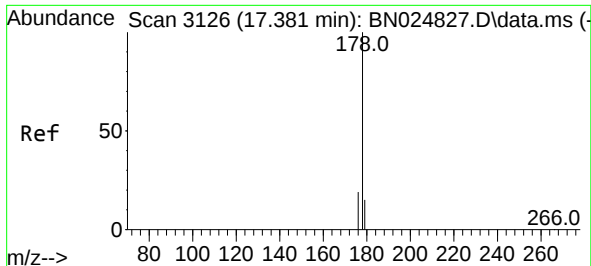
Tgt Ion:166 Resp: 17365
Ion Ratio Lower Upper
166 100
165 97.6 80.1 120.1
167 13.6 10.7 16.1



#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

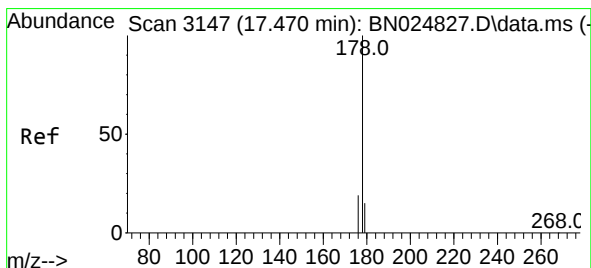
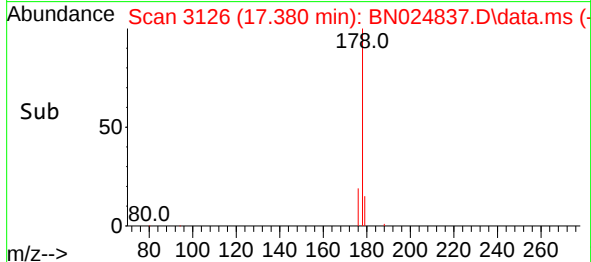
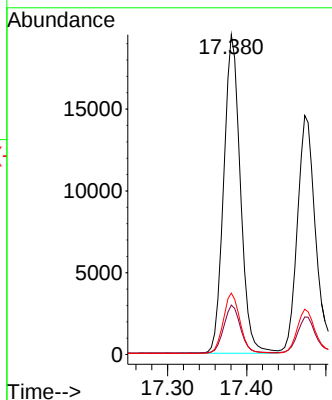
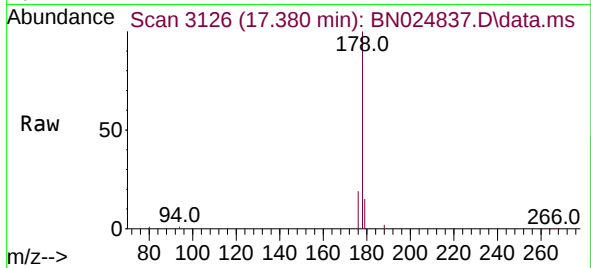




#15
Phenanthrene
Concen: 0.386 ng/ul
RT: 17.380 min Scan# 3126
Delta R.T. -0.001 min
Lab File: BN024837.D
Acq: 11 Apr 2023 15:57

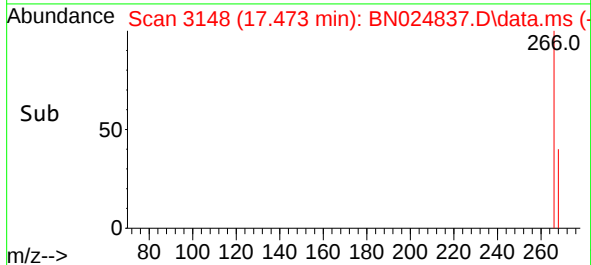
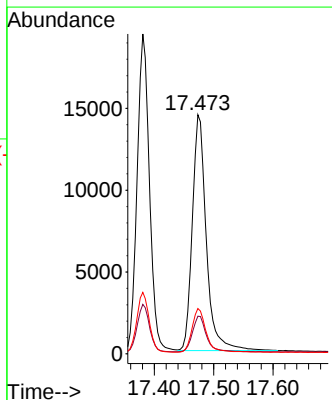
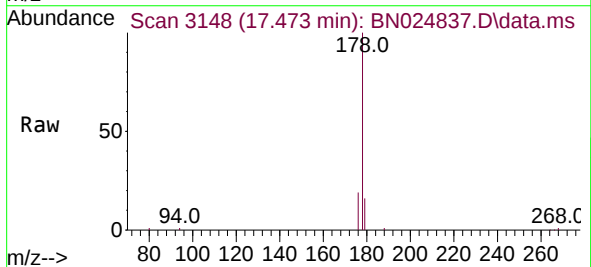
Instrument :
BNA_N
ClientSampleId :
SLCS001

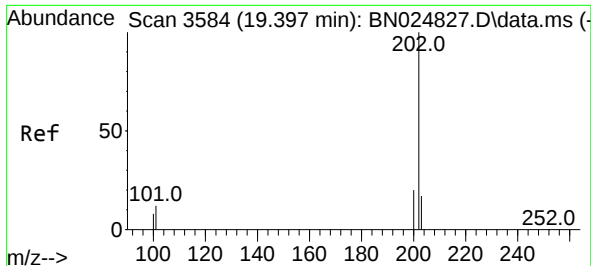
Tgt Ion:	178	Resp:	28396
Ion Ratio	Lower	Upper	
178	100		
179	15.5	12.3	18.5
176	19.2	15.4	23.0



#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

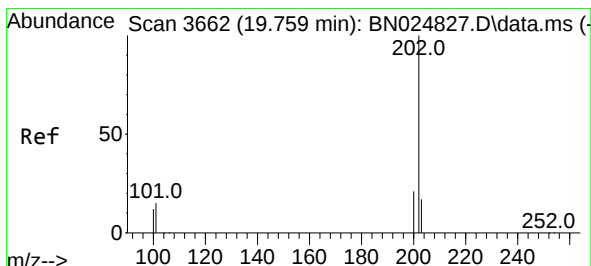
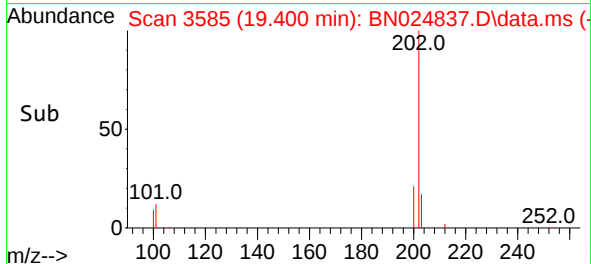
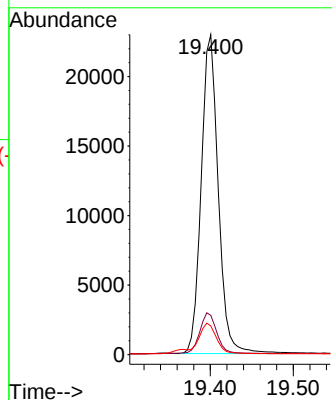
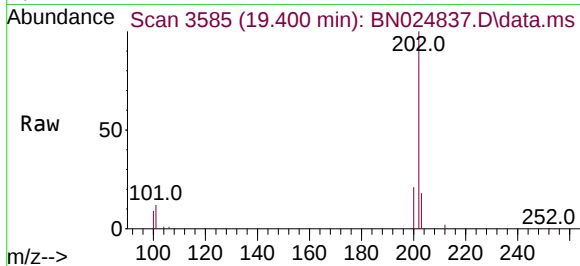




#19
Fluoranthene
Concen: 0.425 ng/ul
RT: 19.400 min Scan# 3585
Delta R.T. 0.004 min
Lab File: BN024837.D
Acq: 11 Apr 2023 15:57

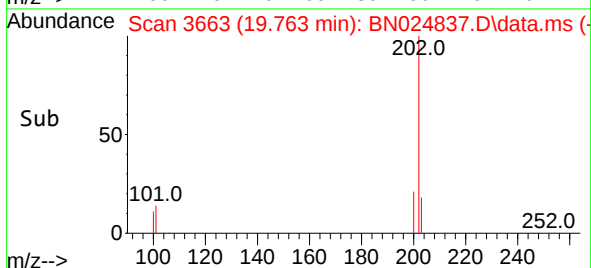
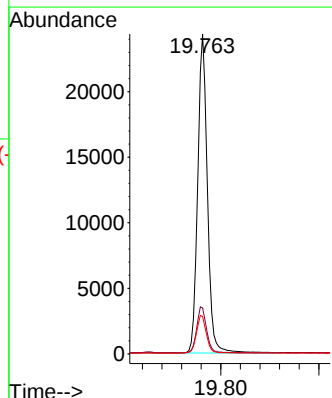
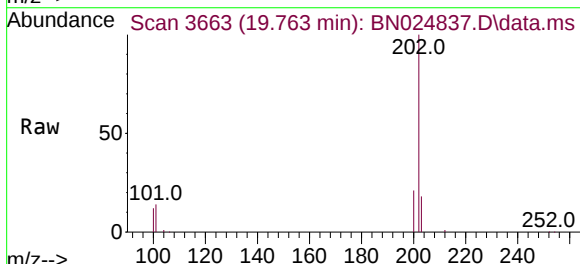
Instrument :
BNA_N
ClientSampleId :
SLCS001

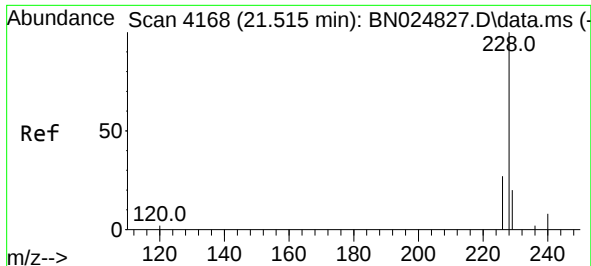
Tgt Ion:202 Resp: 32553
Ion Ratio Lower Upper
202 100
101 12.3 10.0 15.0
100 9.0 7.5 11.3



#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

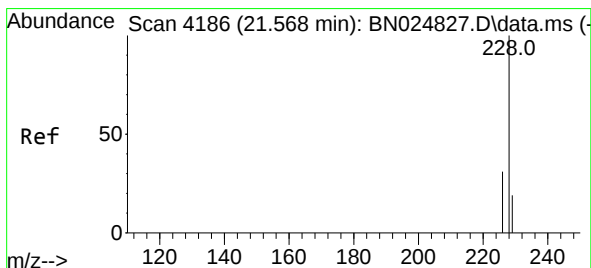
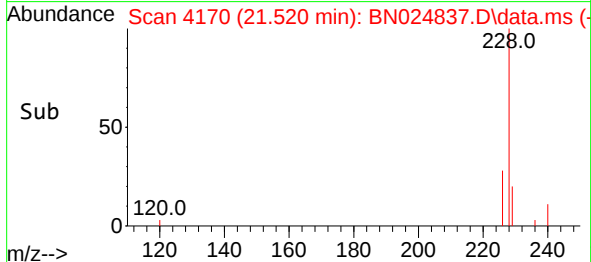
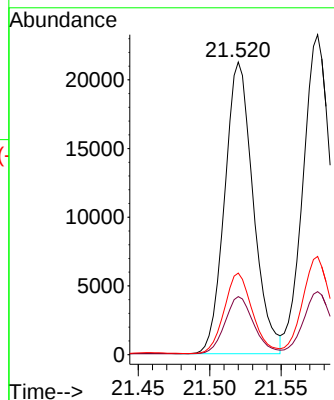
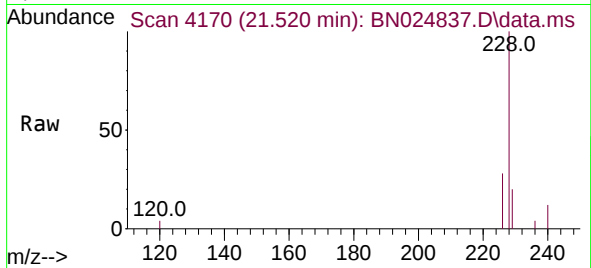




#21
Benzo(a)anthracene
Concen: 0.420 ng/ul
RT: 21.520 min Scan# 4168
Delta R.T. 0.011 min
Lab File: BN024837.D
Acq: 11 Apr 2023 15:57

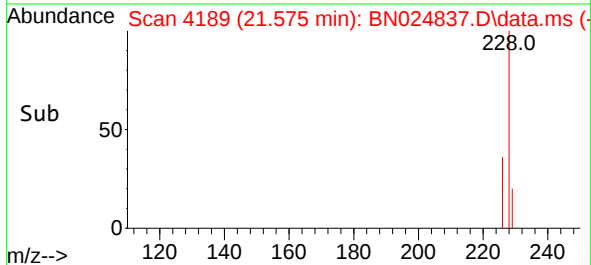
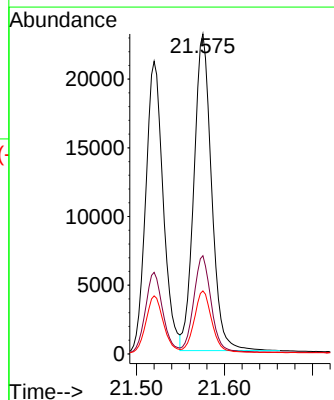
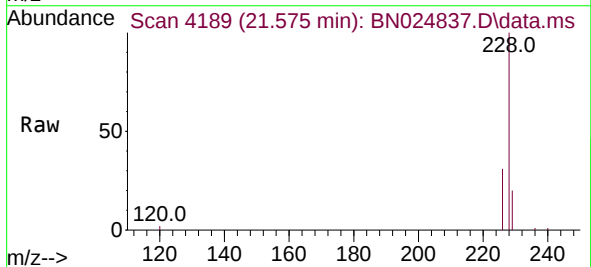
Instrument :
BNA_N
ClientSampleId :
SLCS001

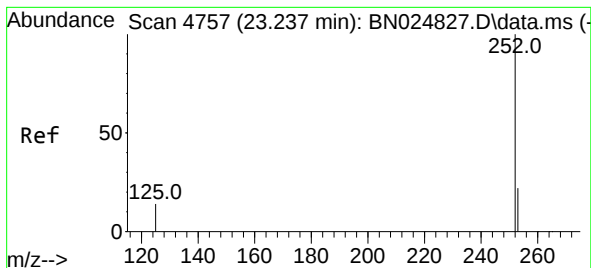
Tgt Ion:228 Resp: 29453
Ion Ratio Lower Upper
228 100
229 19.8 15.8 23.8
226 27.9 22.2 33.2



#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 :

SLCS001

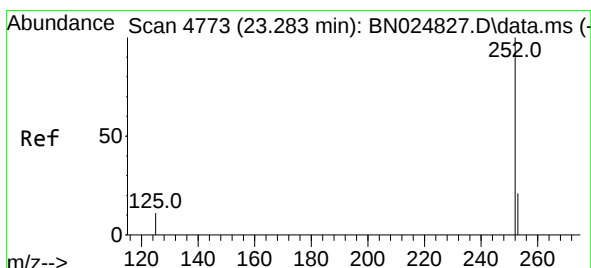
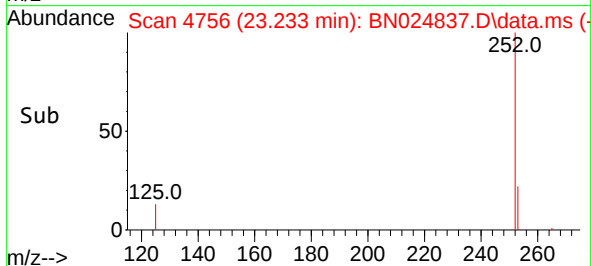
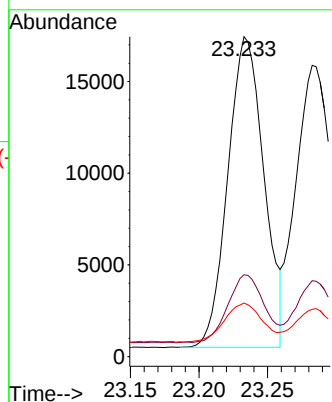
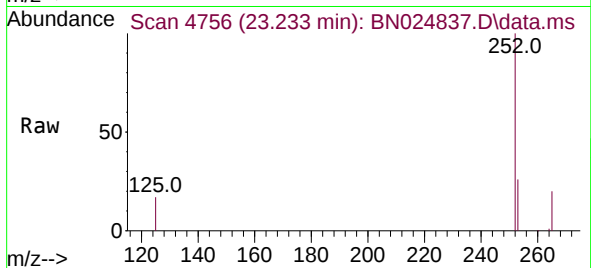
Tgt Ion:252 Resp: 30948

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

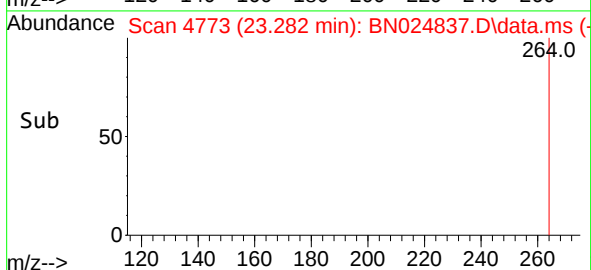
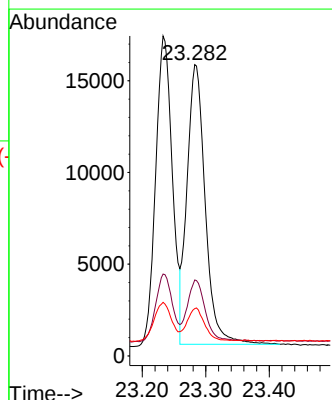
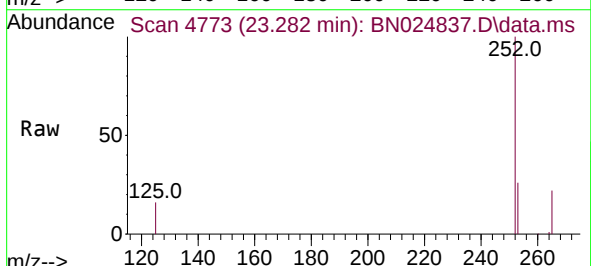
Tgt Ion:252 Resp: 30402

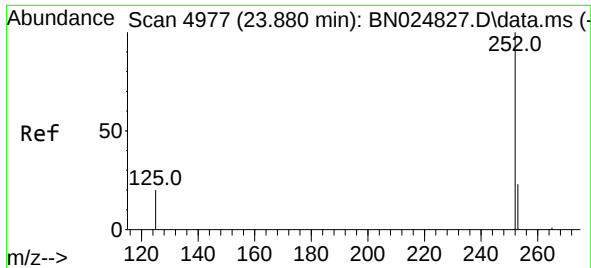
Ion Ratio Lower Upper

252 100

253 26.1 20.1 30.1

125 16.2 12.2 18.2

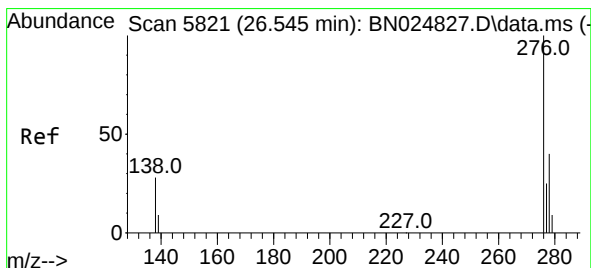
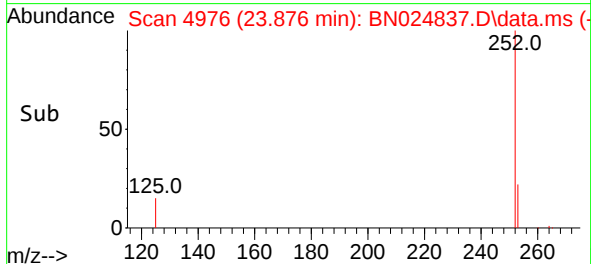
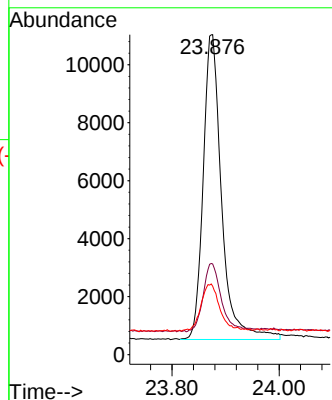
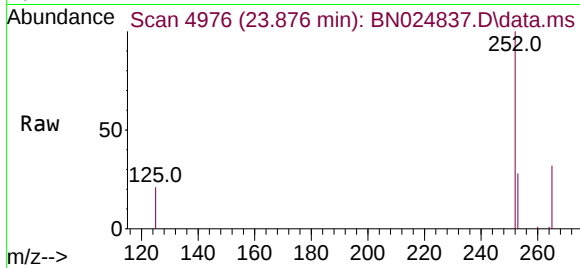




#26
Benzo(a)pyrene
Concen: 0.390 ng/ul
RT: 23.876 min Scan# 4976
Delta R.T. 0.008 min
Lab File: BN024837.D
Acq: 11 Apr 2023 15:57

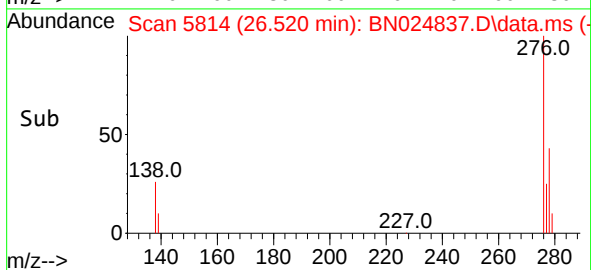
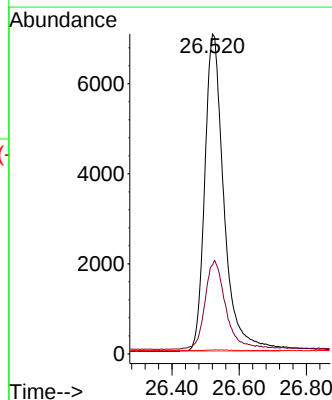
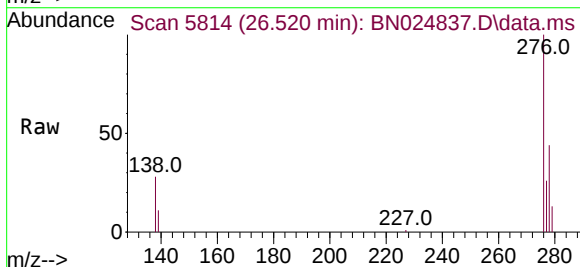
Instrument :
BNA_N
ClientSampleId :
SLCS001

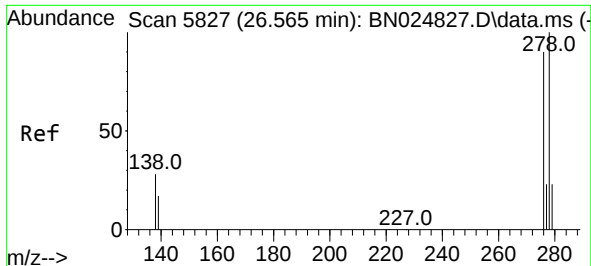
Tgt Ion:252 Resp: 25161
Ion Ratio Lower Upper
252 100
253 28.3 20.7 31.1
125 21.4 15.9 23.9



#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#

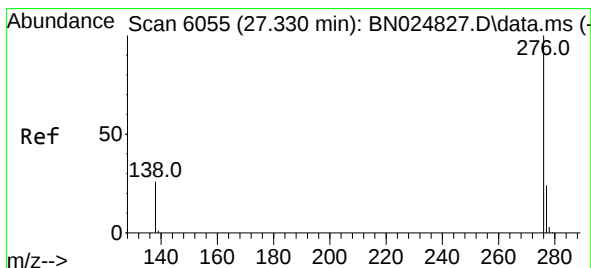
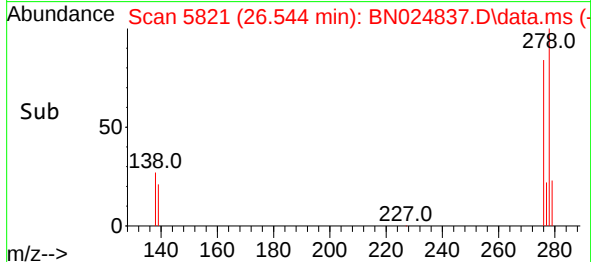
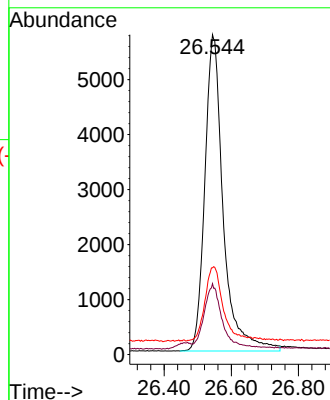
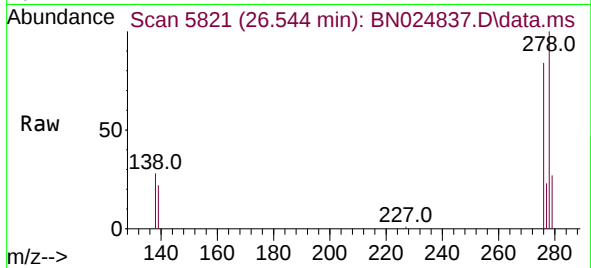




#28
Dibenzo(a,h)anthracene
Concen: 0.366 ng/ul
RT: 26.544 min Scan# 5827
Delta R.T. -0.014 min
Lab File: BN024837.D
Acq: 11 Apr 2023 15:57

Instrument :
BNA_N
ClientSampleId :
SLCS001

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

