

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042623\
 Data File : BN025146.D
 Acq On : 26 Apr 2023 15:06
 Operator : CG/JU
 Sample : PB152277BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS277

Quant Time: Apr 27 00:13:49 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 26 15:32:47 2023
 Response via : Initial Calibration

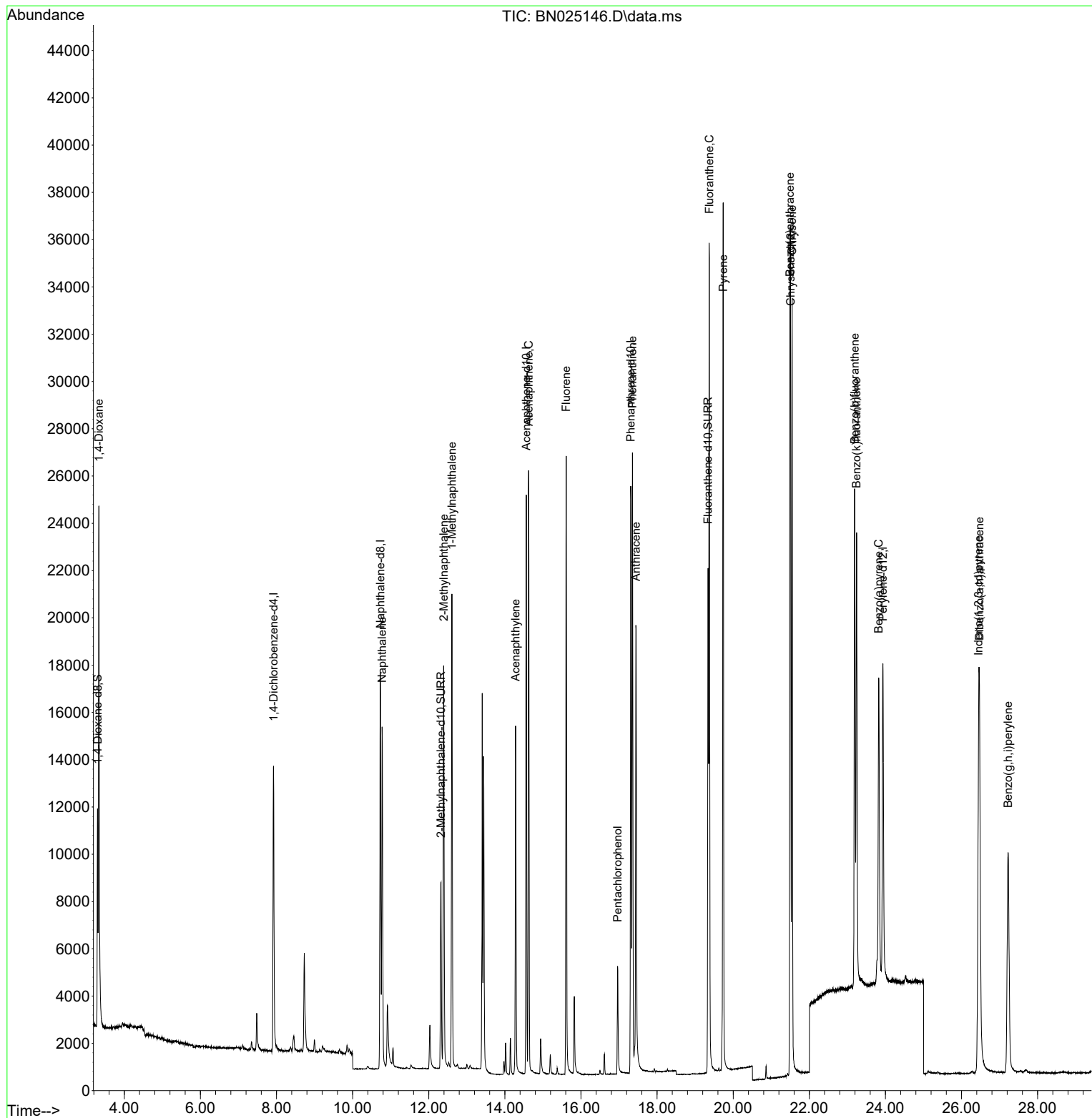
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.921	152	7255	0.400	ng/ul	0.00
4) Naphthalene-d8	10.726	136	22847	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.561	164	13364	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.309	188	29709	0.400	ng/ul	0.00
17) Chrysene-d12	21.508	240	23430	0.400	ng/ul	0.00
23) Perylene-d12	23.932	264	19699	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	5499	0.732	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.321	152	10888	0.371	ng/ul	0.00
18) Fluoranthene-d10	19.340	212	23901	0.387	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.331	88	13714	1.695	ng/ul#	89
5) Naphthalene	10.776	128	20478	0.350	ng/ul	99
7) 2-Methylnaphthalene	12.392	142	12878	0.359	ng/ul	100
8) 1-Methylnaphthalene	12.607	142	13762	0.360	ng/ul	100
10) Acenaphthylene	14.283	152	17270	0.347	ng/ul	100
11) Acenaphthene	14.626	153	14997	0.357	ng/ul	99
12) Fluorene	15.611	166	16838	0.359	ng/ul	98
14) Pentachlorophenol	16.963	266	3400	0.583	ng/ul	99
15) Phenanthrene	17.351	178	28377	0.338	ng/ul	100
16) Anthracene	17.444	178	23378	0.341	ng/ul	100
19) Fluoranthene	19.373	202	31411	0.371	ng/ul	99
20) Pyrene	19.735	202	32081	0.369	ng/ul	100
21) Benzo(a)anthracene	21.491	228	26829	0.380	ng/ul	99
22) Chrysene	21.546	228	29682	0.385	ng/ul	100
24) Benzo(b)fluoranthene	23.192	252	28585	0.358	ng/ul	99
25) Benzo(k)fluoranthene	23.242	252	27345	0.356	ng/ul	99
26) Benzo(a)pyrene	23.823	252	22219	0.336	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.450	276	26623	0.349	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.470	278	21311	0.358	ng/ul	99
29) Benzo(g,h,i)perylene	27.225	276	22853	0.353	ng/ul	100

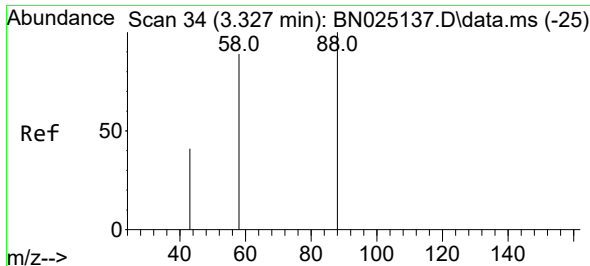
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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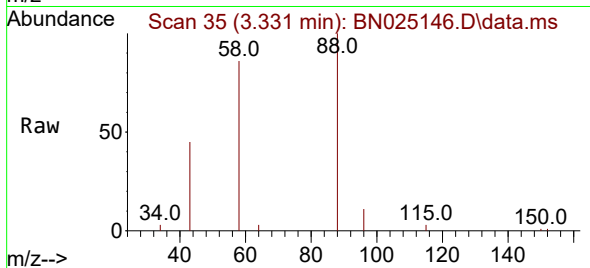
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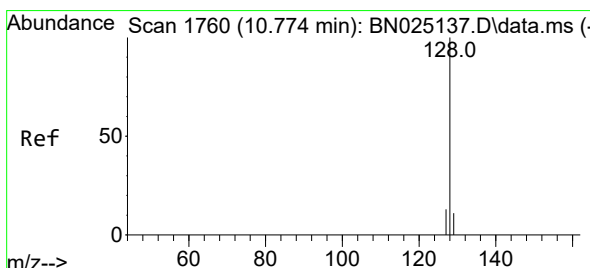
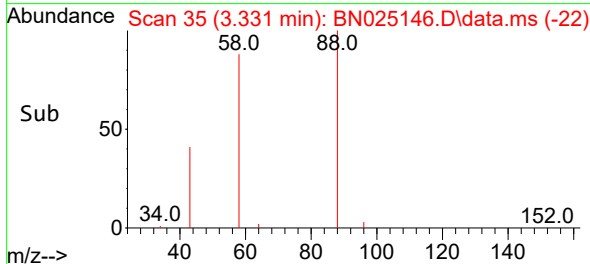
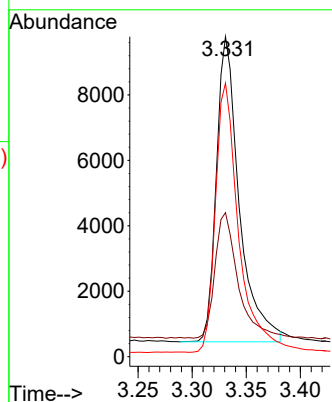
#2
 1,4-Dioxane
 Concen: 1.695 ng/ul
 RT: 3.331 min Scan# 31
 Delta R.T. 0.004 min
 Lab File: BN025146.D
 Acq: 26 Apr 2023 15:06

Instrument :
 BNA_N
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Tgt Ion: 88 Resp: 13714

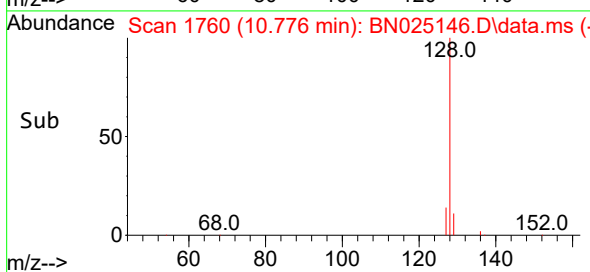
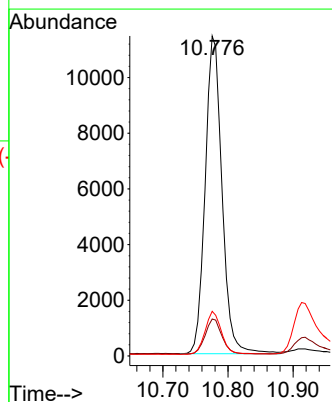
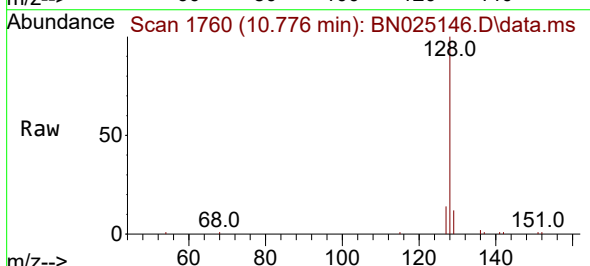
Ion	Ratio	Lower	Upper
88	100		
43	45.0	37.0	55.4
58	85.5	56.9	85.3

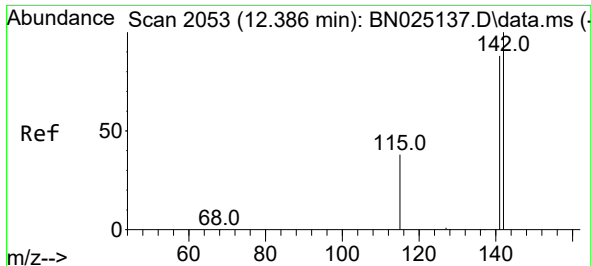


#5
 Naphthalene
 Concen: 0.350 ng/ul
 RT: 10.776 min Scan# 1760
 Delta R.T. 0.001 min
 Lab File: BN025146.D
 Acq: 26 Apr 2023 15:06

Tgt Ion: 128 Resp: 20478

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.0	13.6
127	14.0	10.7	16.1

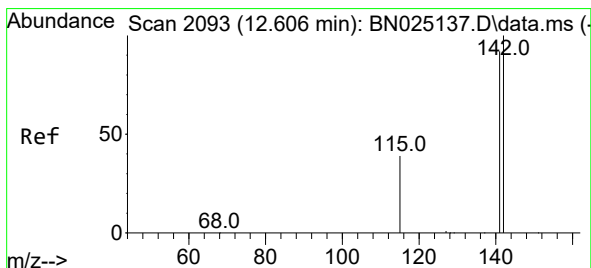
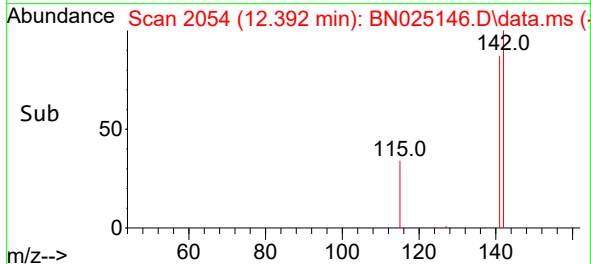
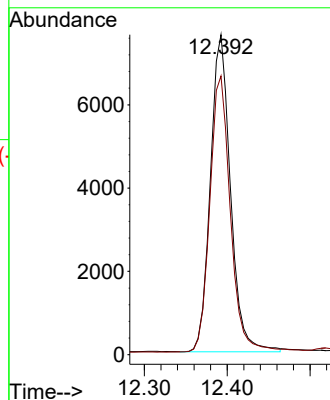
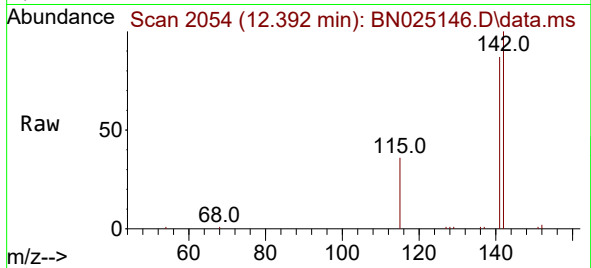




#7
2-Methylnaphthalene
Concen: 0.359 ng/ul
RT: 12.392 min Scan# 2054
Delta R.T. 0.007 min
Lab File: BN025146.D
Acq: 26 Apr 2023 15:06

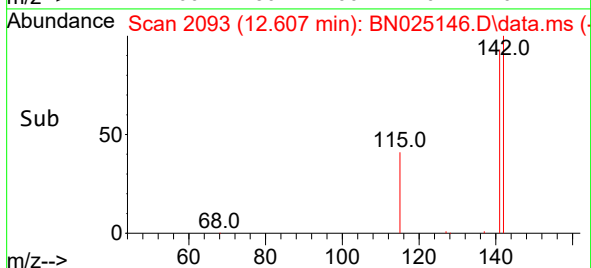
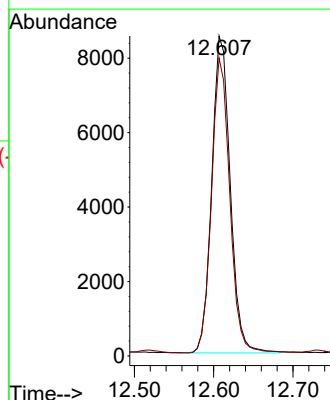
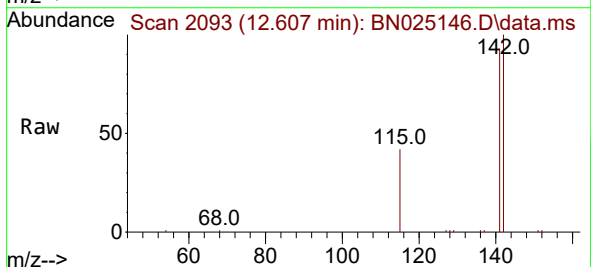
Instrument :
BNA_N
ClientSampleId :
SLCS277

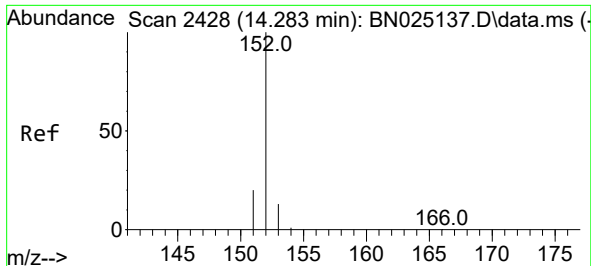
Tgt Ion:142 Resp: 12878
Ion Ratio Lower Upper
142 100
141 88.7 71.4 107.0



#8
1-Methylnaphthalene
Concen: 0.360 ng/ul
RT: 12.607 min Scan# 2093
Delta R.T. 0.001 min
Lab File: BN025146.D
Acq: 26 Apr 2023 15:06

Tgt Ion:142 Resp: 13762
Ion Ratio Lower Upper
142 100
141 91.9 73.8 110.6

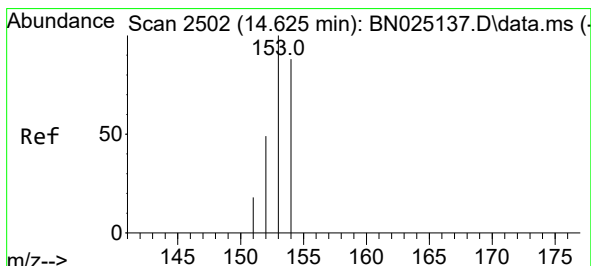
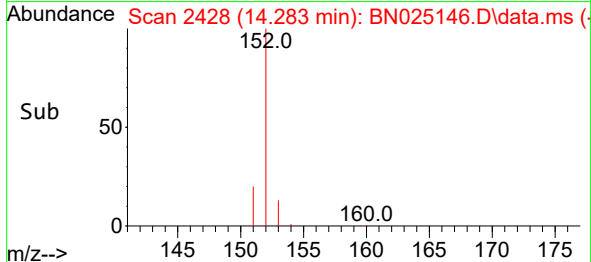
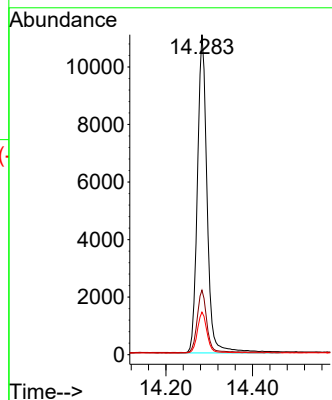
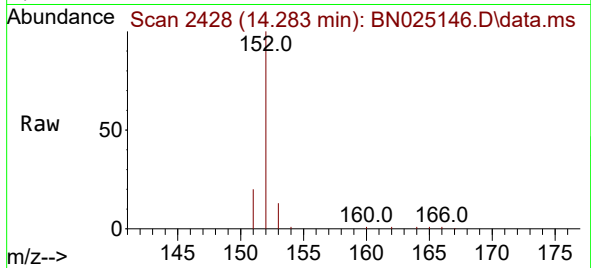




#10
Acenaphthylene
Concen: 0.347 ng/ul
RT: 14.283 min Scan# 2428
Delta R.T. 0.000 min
Lab File: BN025146.D
Acq: 26 Apr 2023 15:06

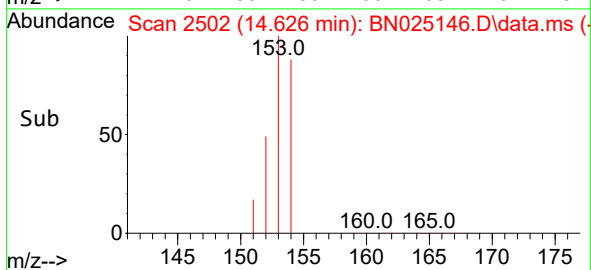
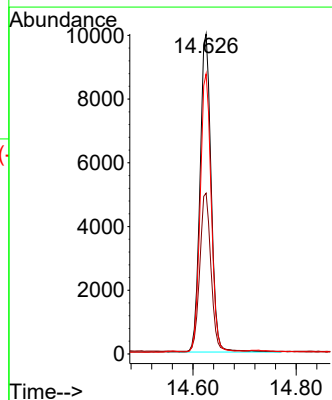
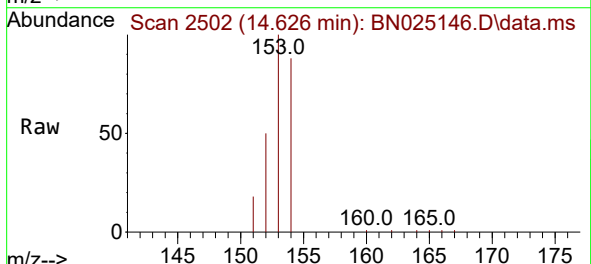
Instrument :
BNA_N
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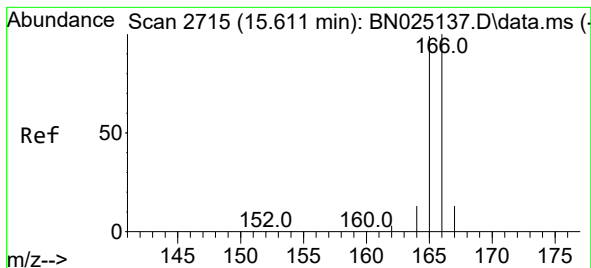
Tgt Ion:152 Resp: 17270
Ion Ratio Lower Upper
152 100
151 20.1 16.0 24.0
153 13.3 10.8 16.2



#11
Acenaphthene
Concen: 0.357 ng/ul
RT: 14.626 min Scan# 2502
Delta R.T. 0.000 min
Lab File: BN025146.D
Acq: 26 Apr 2023 15:06

Tgt Ion:153 Resp: 14997
Ion Ratio Lower Upper
153 100
152 50.3 40.2 60.4
154 87.6 69.4 104.2





#12

Fluorene

Concen: 0.359 ng/ul

RT: 15.611 min Scan# 2715

Delta R.T. 0.000 min

Lab File: BN025146.D

Acq: 26 Apr 2023 15:06

Instrument :

BNA_N

ClientSampleId :

SLCS277

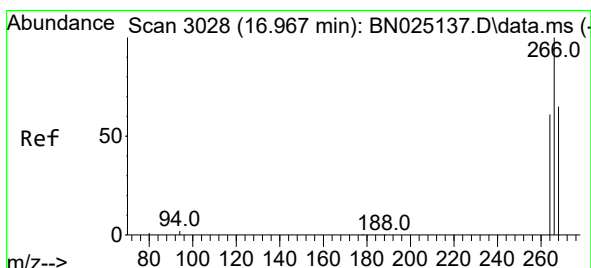
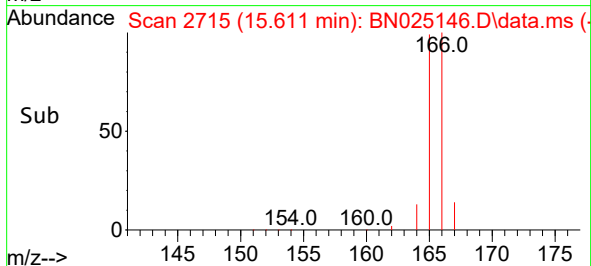
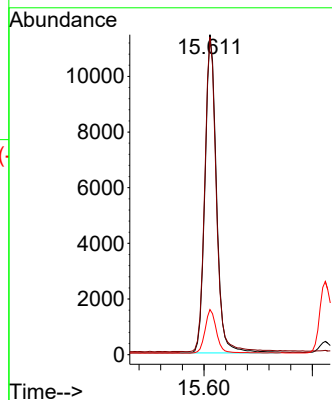
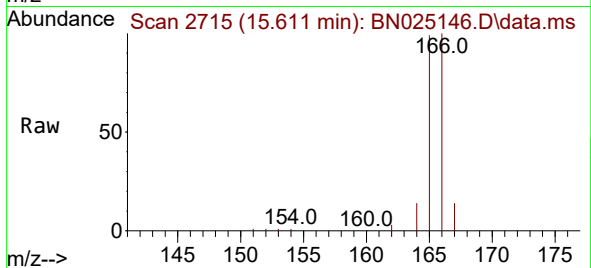
Tgt Ion:166 Resp: 16838

Ion Ratio Lower Upper

166 100

165 99.2 78.1 117.1

167 14.1 11.0 16.6



#14

Pentachlorophenol

Concen: 0.583 ng/ul

RT: 16.963 min Scan# 3027

Delta R.T. -0.004 min

Lab File: BN025146.D

Acq: 26 Apr 2023 15:06

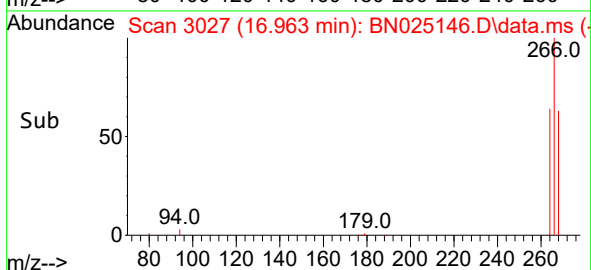
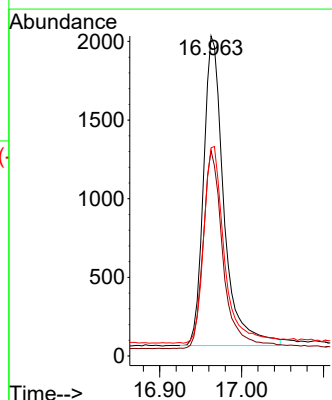
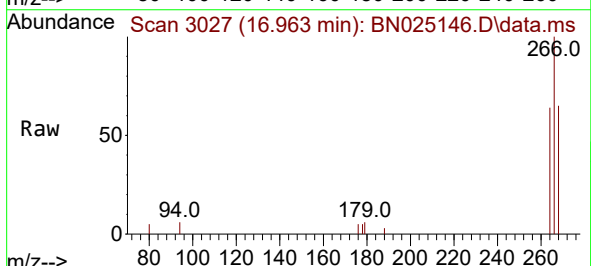
Tgt Ion:266 Resp: 3400

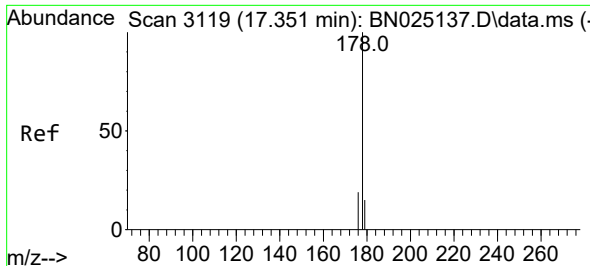
Ion Ratio Lower Upper

266 100

264 62.9 49.6 74.4

268 64.4 51.3 76.9

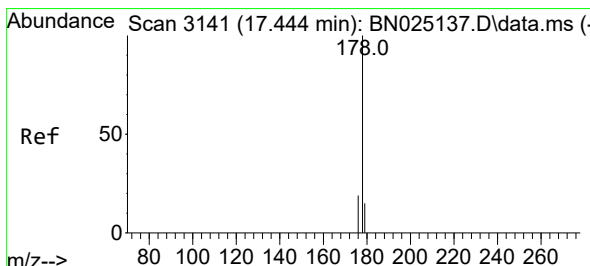
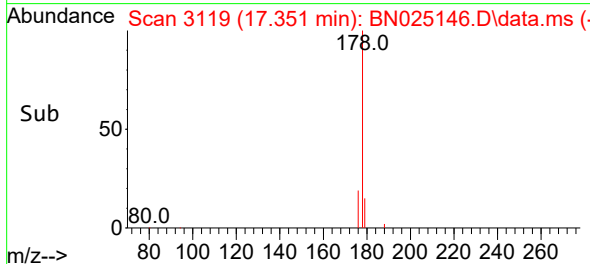
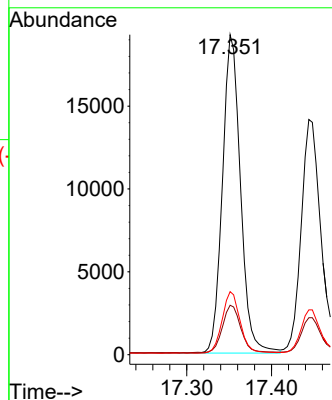
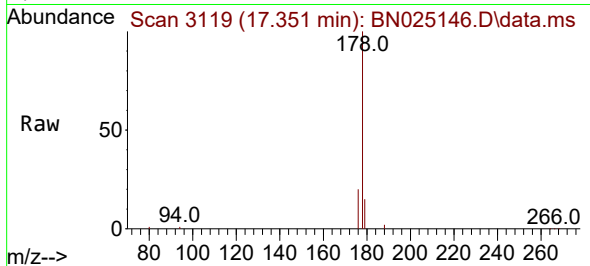




#15
Phenanthrene
Concen: 0.338 ng/ul
RT: 17.351 min Scan# 3119
Delta R.T. 0.000 min
Lab File: BN025146.D
Acq: 26 Apr 2023 15:06

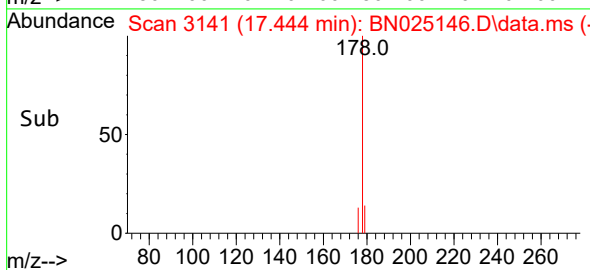
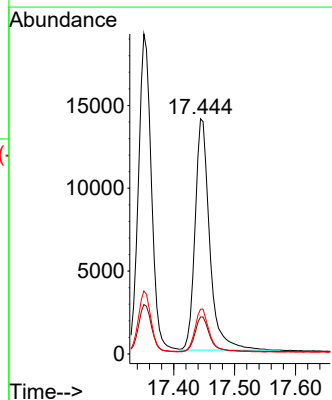
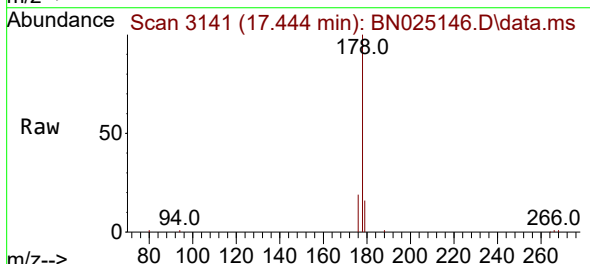
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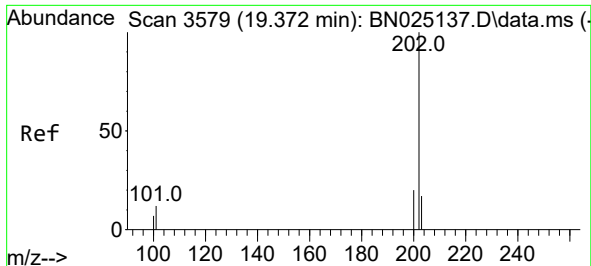
Tgt Ion:178 Resp: 28377
Ion Ratio Lower Upper
178 100
179 15.5 12.5 18.7
176 19.7 15.6 23.4



#16
Anthracene
Concen: 0.341 ng/ul
RT: 17.444 min Scan# 3141
Delta R.T. 0.000 min
Lab File: BN025146.D
Acq: 26 Apr 2023 15:06

Tgt Ion:178 Resp: 23378
Ion Ratio Lower Upper
178 100
179 15.7 12.7 19.1
176 19.1 15.3 22.9

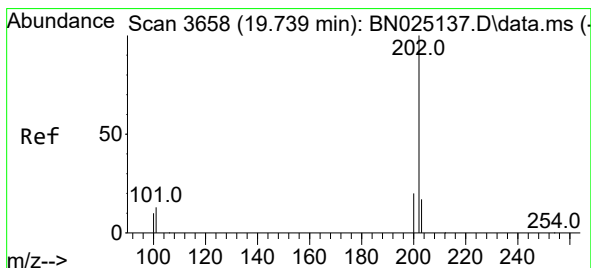
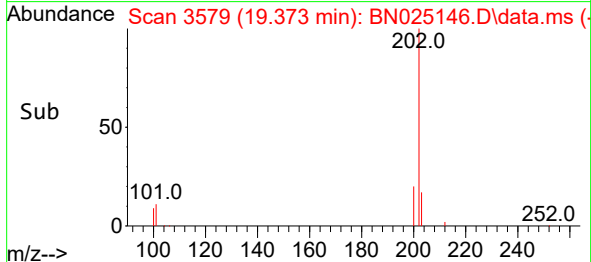
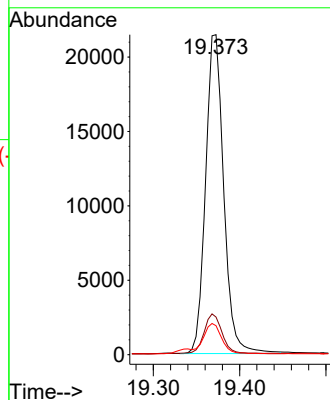
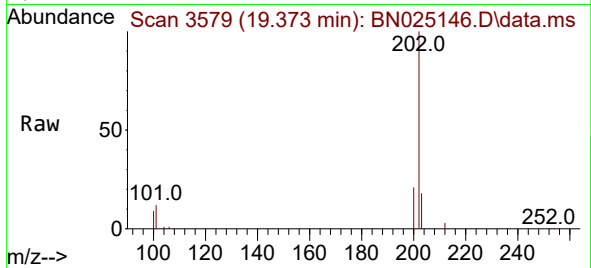




#19
Fluoranthene
Concen: 0.371 ng/ul
RT: 19.373 min Scan# 31411
Delta R.T. 0.001 min
Lab File: BN025146.D
Acq: 26 Apr 2023 15:06

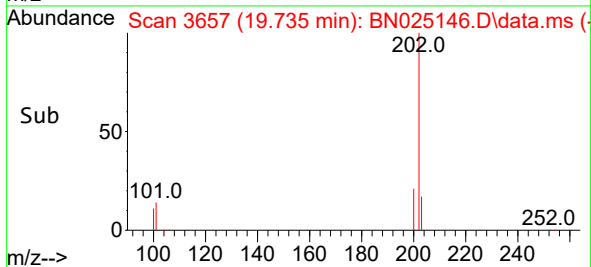
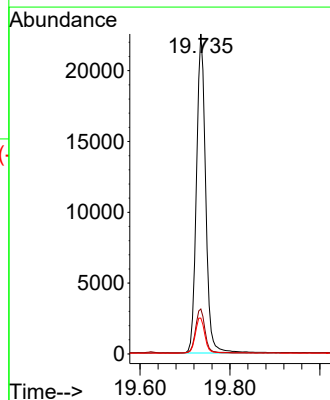
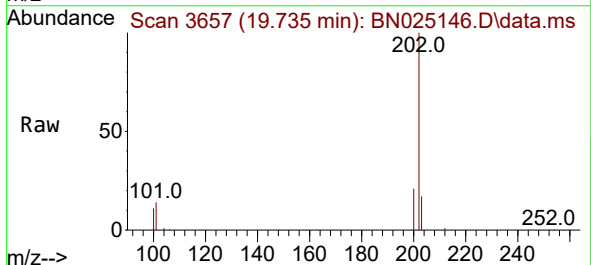
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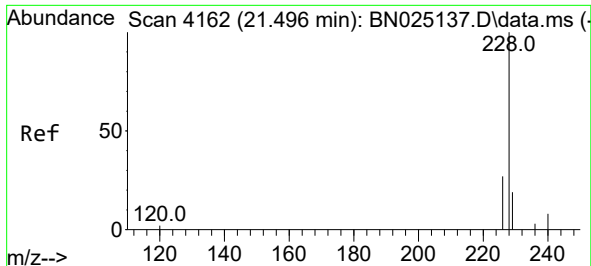
Tgt Ion:202 Resp: 31411
Ion Ratio Lower Upper
202 100
101 11.8 9.7 14.5
100 9.0 7.3 10.9



#20
Pyrene
Concen: 0.369 ng/ul
RT: 19.735 min Scan# 3657
Delta R.T. -0.004 min
Lab File: BN025146.D
Acq: 26 Apr 2023 15:06

Tgt Ion:202 Resp: 32081
Ion Ratio Lower Upper
202 100
101 14.0 11.3 16.9
100 11.2 9.2 13.8

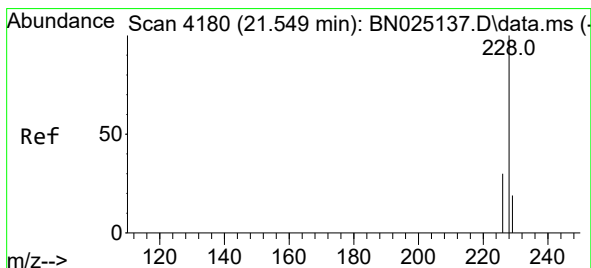
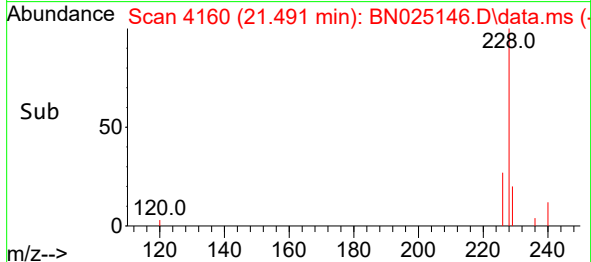
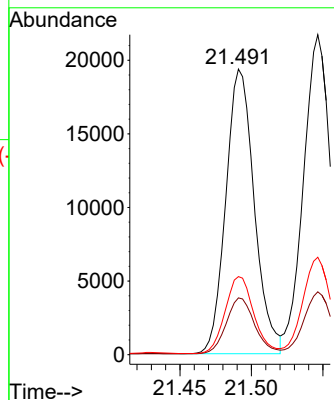
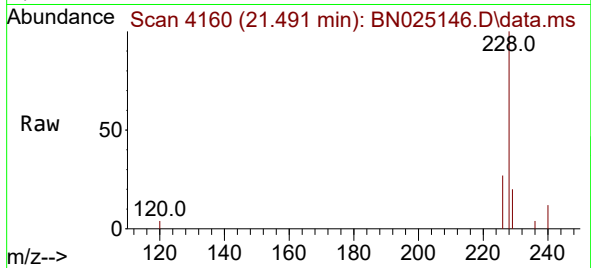




#21
Benzo(a)anthracene
Concen: 0.380 ng/ul
RT: 21.491 min Scan# 4160
Delta R.T. -0.005 min
Lab File: BN025146.D
Acq: 26 Apr 2023 15:06

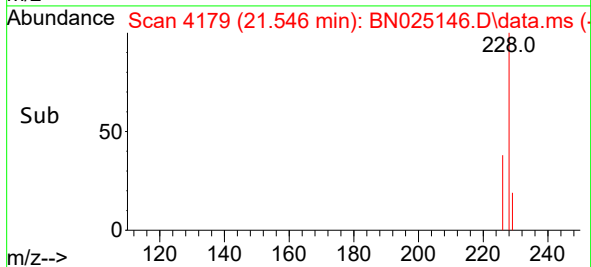
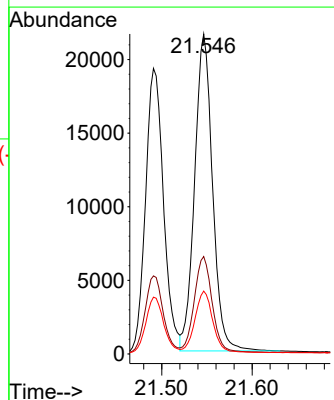
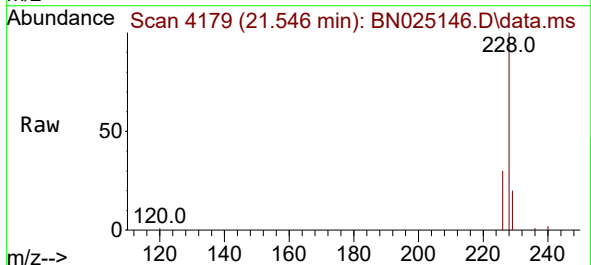
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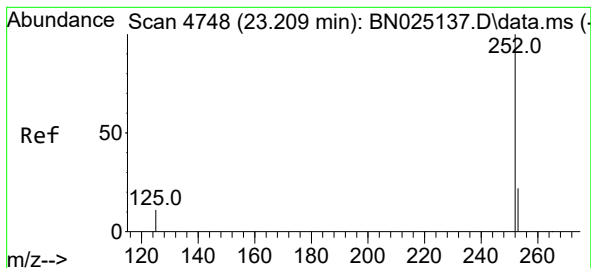
Tgt Ion:228 Resp: 26829
Ion Ratio Lower Upper
228 100
229 19.9 15.6 23.4
226 27.3 22.1 33.1



#22
Chrysene
Concen: 0.385 ng/ul
RT: 21.546 min Scan# 4179
Delta R.T. -0.002 min
Lab File: BN025146.D
Acq: 26 Apr 2023 15:06

Tgt Ion:228 Resp: 29682
Ion Ratio Lower Upper
228 100
226 30.4 24.5 36.7
229 19.7 15.8 23.6





#24

Benzo(b)fluoranthene

Concen: 0.358 ng/ul

RT: 23.192 min Scan# 4742

Delta R.T. -0.017 min

Lab File: BN025146.D

Acq: 26 Apr 2023 15:06

Instrument :

BNA_N

ClientSampleId :

SLCS277

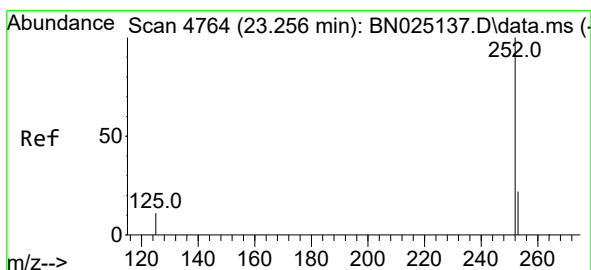
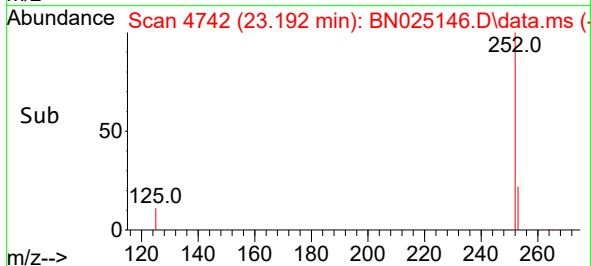
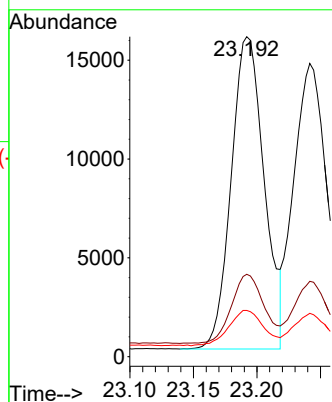
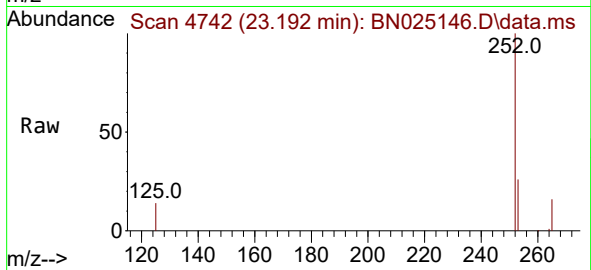
Tgt Ion:252 Resp: 28585

Ion Ratio Lower Upper

252 100

253 25.7 0.0 50.2

125 14.5 0.0 30.4



#25

Benzo(k)fluoranthene

Concen: 0.356 ng/ul

RT: 23.242 min Scan# 4759

Delta R.T. -0.014 min

Lab File: BN025146.D

Acq: 26 Apr 2023 15:06

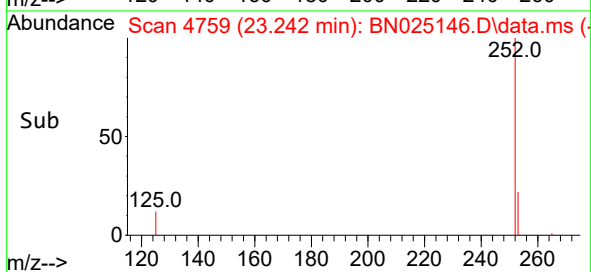
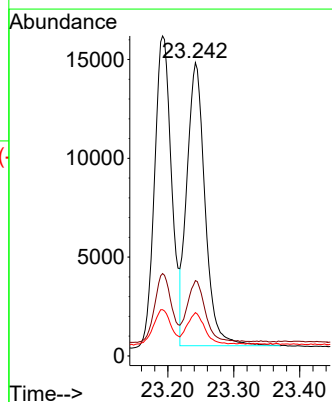
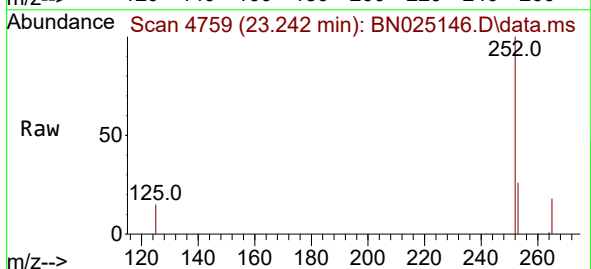
Tgt Ion:252 Resp: 27345

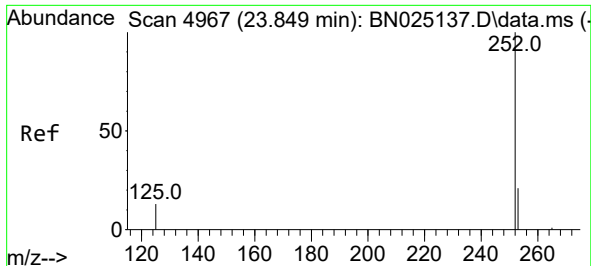
Ion Ratio Lower Upper

252 100

253 25.7 20.2 30.4

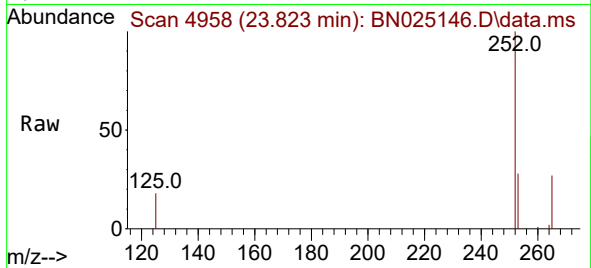
125 14.8 11.8 17.8



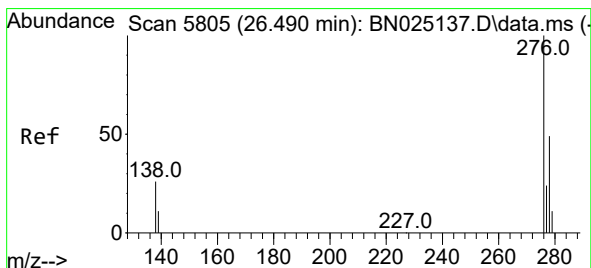
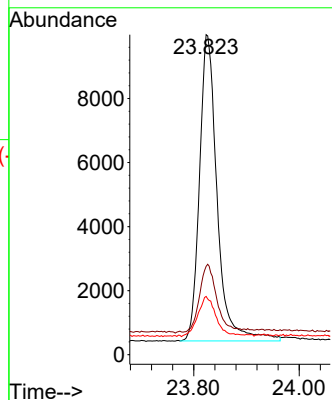
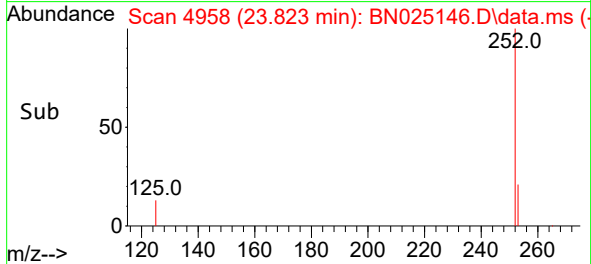


#26
Benzo(a)pyrene
Concen: 0.336 ng/ul
RT: 23.823 min Scan# 4967
Delta R.T. -0.026 min
Lab File: BN025146.D
Acq: 26 Apr 2023 15:06

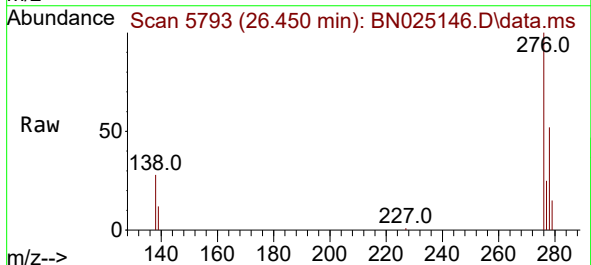
Instrument :
BNA_N
ClientSampleId :
SLCS277



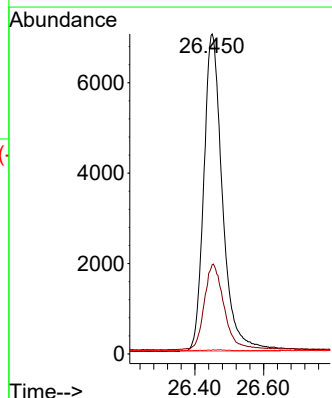
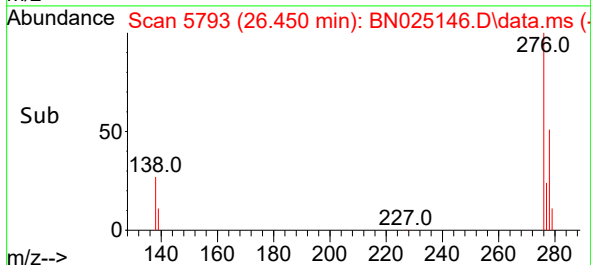
Tgt Ion:252 Resp: 22219
Ion Ratio Lower Upper
252 100
253 27.6 21.4 32.2
125 18.2 14.6 22.0

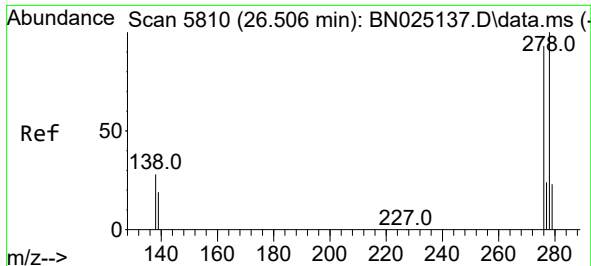


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.349 ng/ul
RT: 26.450 min Scan# 5793
Delta R.T. -0.040 min
Lab File: BN025146.D
Acq: 26 Apr 2023 15:06



Tgt Ion:276 Resp: 26623
Ion Ratio Lower Upper
276 100
138 27.5 21.9 32.9
227 0.1 0.1 0.1

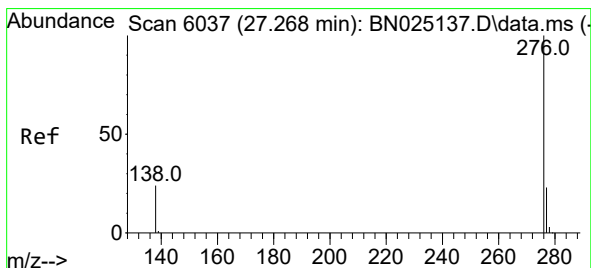
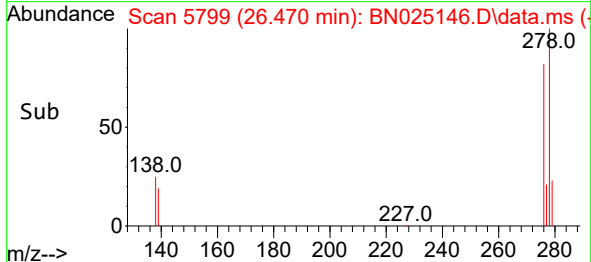
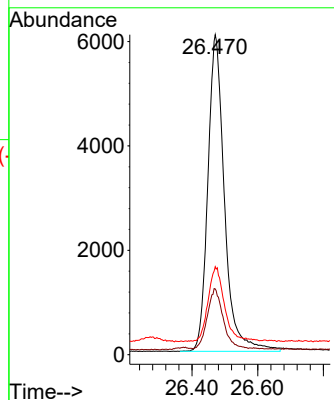
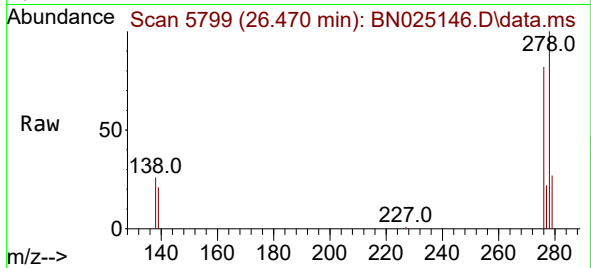




#28
Dibenzo(a,h)anthracene
Concen: 0.358 ng/ul
RT: 26.470 min Scan# 51
Delta R.T. -0.036 min
Lab File: BN025146.D
Acq: 26 Apr 2023 15:06

Instrument :
BNA_N
ClientSampleId :
SLCS277

Tgt Ion:278 Resp: 21311
Ion Ratio Lower Upper
278 100
139 20.5 17.0 25.6
279 27.5 21.8 32.8



#29
Benzo(g,h,i)perylene
Concen: 0.353 ng/ul
RT: 27.225 min Scan# 6024
Delta R.T. -0.043 min
Lab File: BN025146.D
Acq: 26 Apr 2023 15:06

Tgt Ion:276 Resp: 22853
Ion Ratio Lower Upper
276 100
138 25.5 20.3 30.5
277 25.1 19.8 29.6

