

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061323\
 Data File : BN025798.D
 Acq On : 13 Jun 2023 10:06
 Operator : MA/JU
 Sample : PB153145BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS145

Quant Time: Jun 13 23:15:54 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 10 02:01:49 2023
 Response via : Initial Calibration

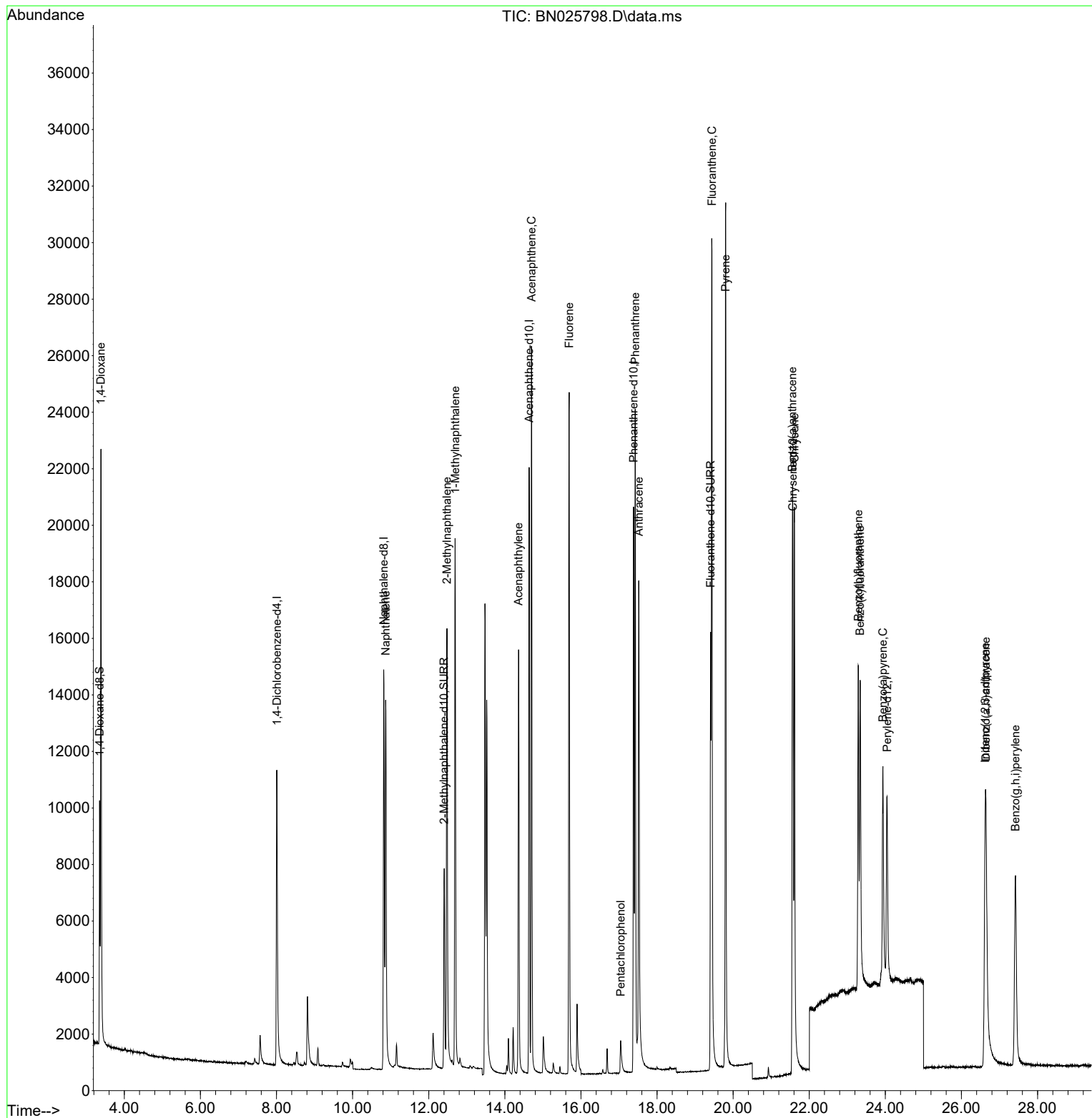
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.009	152	7335	0.400	ng/ul	0.00
4) Naphthalene-d8	10.818	136	21806	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.639	164	12310	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.384	188	24590	0.400	ng/ul	0.00
17) Chrysene-d12	21.571	240	12847	0.400	ng/ul	0.00
23) Perylene-d12	24.044	264	10621	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.351	96	5389	0.747	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.407	152	10557	0.382	ng/ul	0.00
18) Fluoranthene-d10	19.409	212	18932	0.467	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.385	88	14806	1.918	ng/ul	94
5) Naphthalene	10.868	128	21079	0.380	ng/ul	100
7) 2-Methylnaphthalene	12.479	142	13003	0.390	ng/ul	100
8) 1-Methylnaphthalene	12.693	142	13705	0.373	ng/ul	100
10) Acenaphthylene	14.361	152	19112	0.393	ng/ul	100
11) Acenaphthene	14.699	153	15802	0.389	ng/ul	99
12) Fluorene	15.689	166	17514	0.387	ng/ul	99
14) Pentachlorophenol	17.042	266	1391	0.526	ng/ul	96
15) Phenanthrene	17.426	178	27674	0.386	ng/ul	100
16) Anthracene	17.519	178	23595	0.390	ng/ul	100
19) Fluoranthene	19.441	202	28962	0.493	ng/ul	99
20) Pyrene	19.804	202	29356	0.483	ng/ul	99
21) Benzo(a)anthracene	21.557	228	17807	0.435	ng/ul	99
22) Chrysene	21.609	228	20409	0.436	ng/ul	99
24) Benzo(b)fluoranthene	23.287	252	17239	0.397	ng/ul	95
25) Benzo(k)fluoranthene	23.337	252	17685	0.406	ng/ul	96
26) Benzo(a)pyrene	23.936	252	14369	0.390	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.623	276	18311	0.436	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.643	278	14130	0.445	ng/ul	97
29) Benzo(g,h,i)perylene	27.415	276	16483	0.438	ng/ul	99

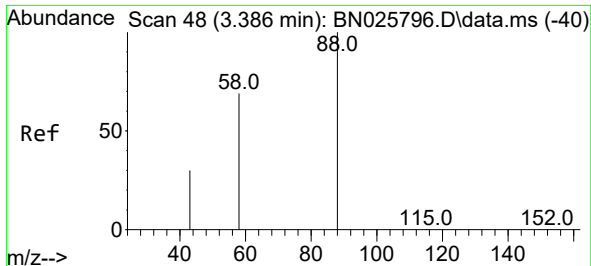
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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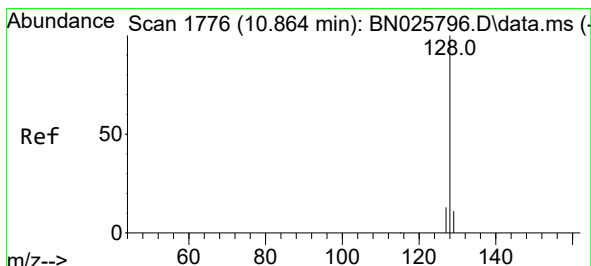
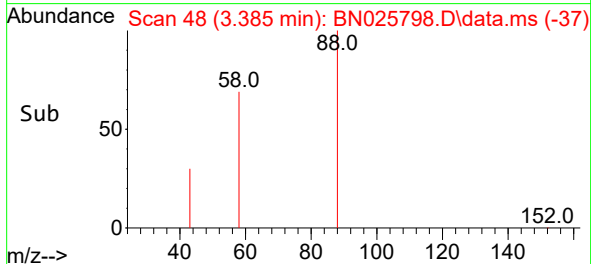
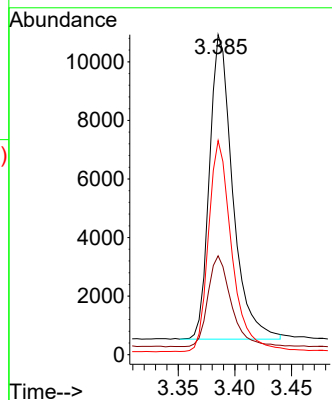
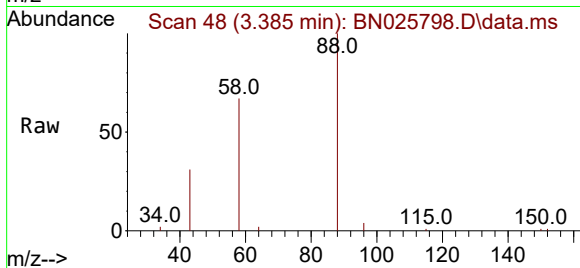




#2
1,4-Dioxane
Concen: 1.918 ng/ul
RT: 3.385 min Scan# 48
Delta R.T. -0.005 min
Lab File: BN025798.D
Acq: 13 Jun 2023 10:06

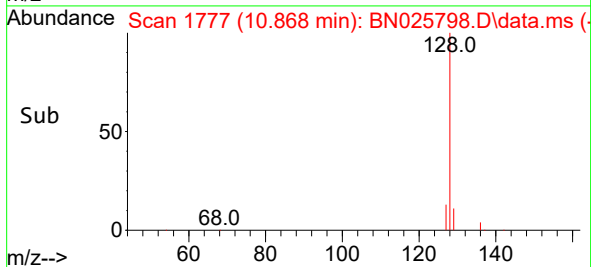
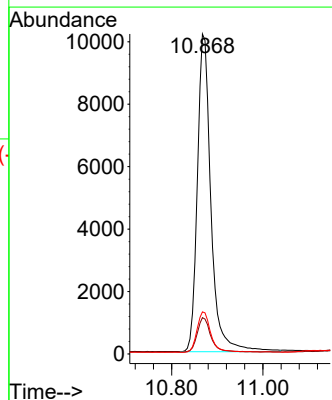
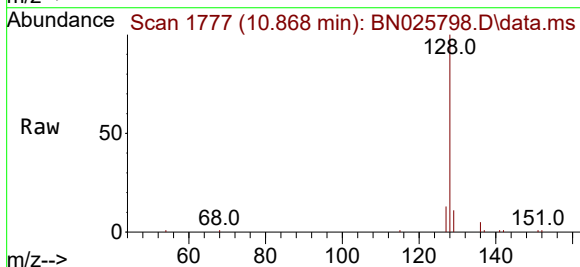
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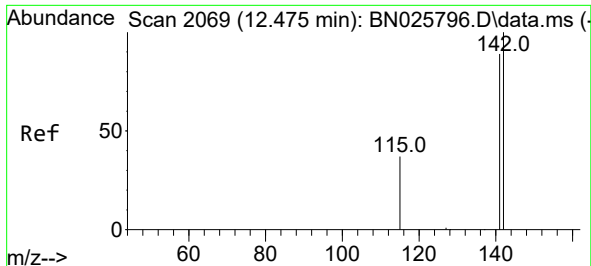
Tgt Ion: 88 Resp: 14806
Ion Ratio Lower Upper
88 100
43 30.9 26.5 39.7
58 66.9 49.0 73.6



#5
Naphthalene
Concen: 0.380 ng/ul
RT: 10.868 min Scan# 1777
Delta R.T. -0.008 min
Lab File: BN025798.D
Acq: 13 Jun 2023 10:06

Tgt Ion: 128 Resp: 21079
Ion Ratio Lower Upper
128 100
129 11.3 9.1 13.7
127 13.1 10.5 15.7

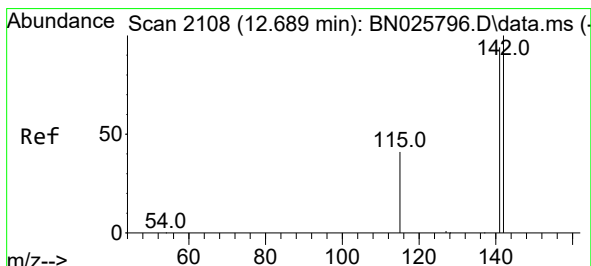
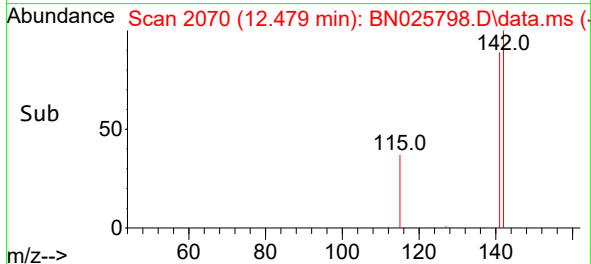
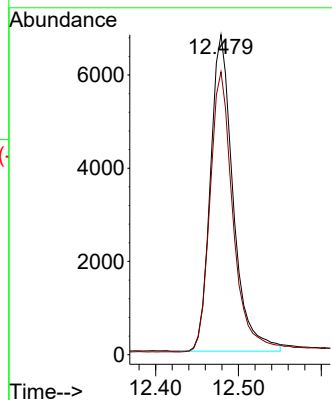
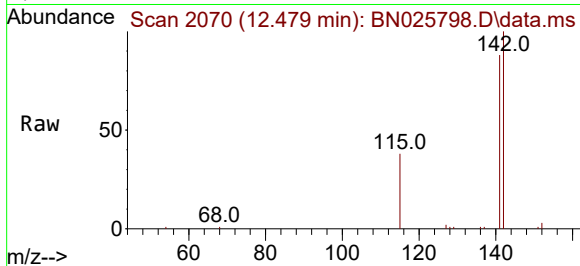




#7
2-Methylnaphthalene
Concen: 0.390 ng/ul
RT: 12.479 min Scan# 2069
Delta R.T. -0.001 min
Lab File: BN025798.D
Acq: 13 Jun 2023 10:06

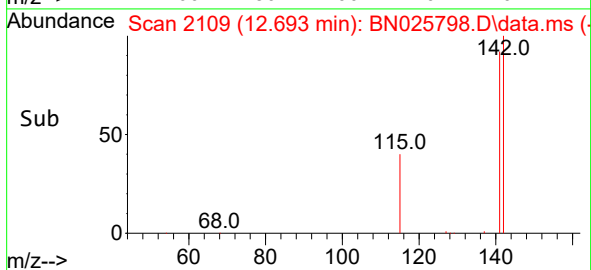
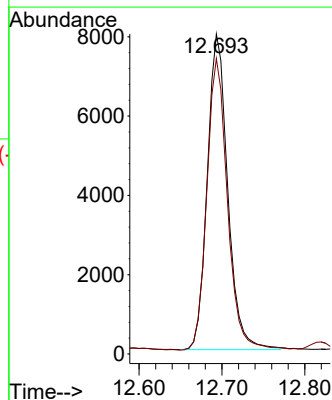
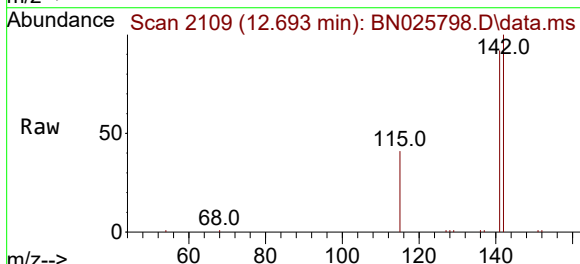
Instrument :
BNA_N
ClientSampleId :
SLCS145

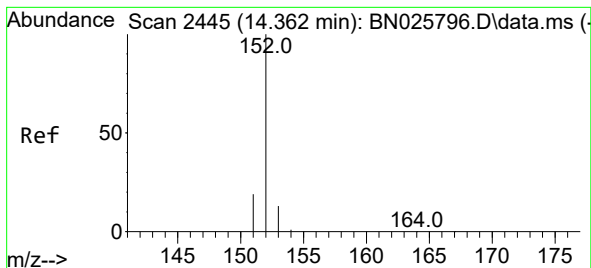
Tgt Ion:142 Resp: 13003
Ion Ratio Lower Upper
142 100
141 89.5 71.4 107.2



#8
1-Methylnaphthalene
Concen: 0.373 ng/ul
RT: 12.693 min Scan# 2109
Delta R.T. -0.007 min
Lab File: BN025798.D
Acq: 13 Jun 2023 10:06

Tgt Ion:142 Resp: 13705
Ion Ratio Lower Upper
142 100
141 92.9 74.0 111.0





#10

Acenaphthylene

Concen: 0.393 ng/ul

RT: 14.361 min Scan# 2445

Delta R.T. -0.005 min

Lab File: BN025798.D

Acq: 13 Jun 2023 10:06

Instrument :

BNA_N

ClientSampleId :

SLCS145

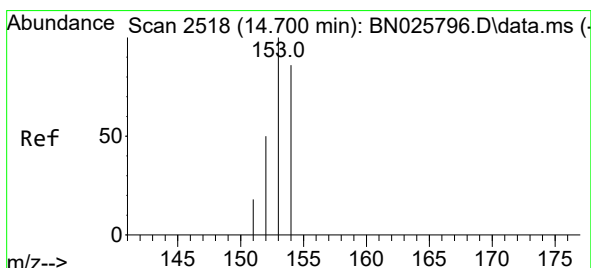
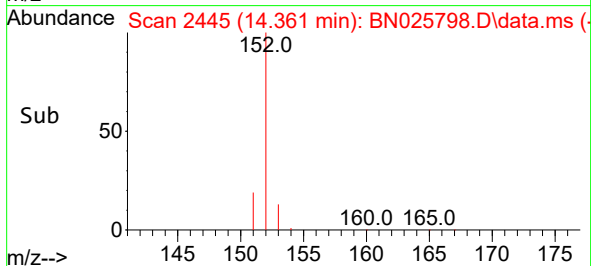
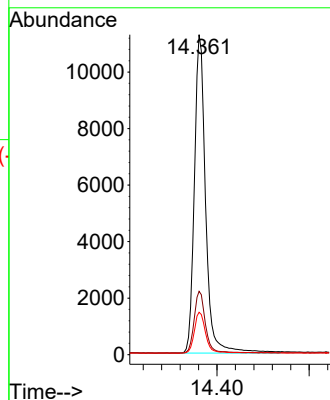
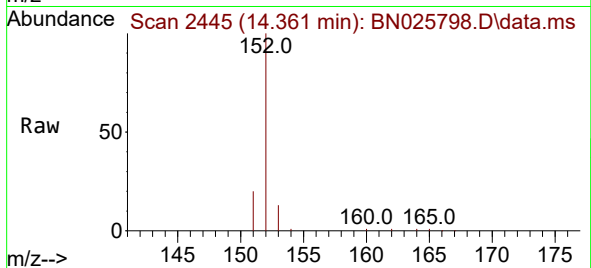
Tgt Ion:152 Resp: 19112

Ion Ratio Lower Upper

152 100

151 19.8 16.0 24.0

153 13.2 10.7 16.1



#11

Acenaphthene

Concen: 0.389 ng/ul

RT: 14.699 min Scan# 2518

Delta R.T. -0.005 min

Lab File: BN025798.D

Acq: 13 Jun 2023 10:06

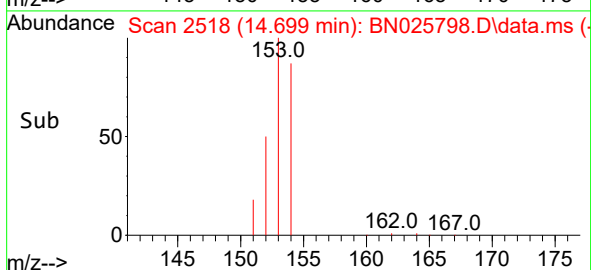
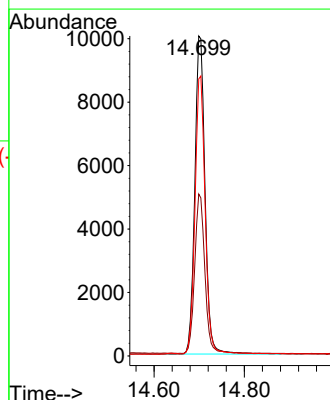
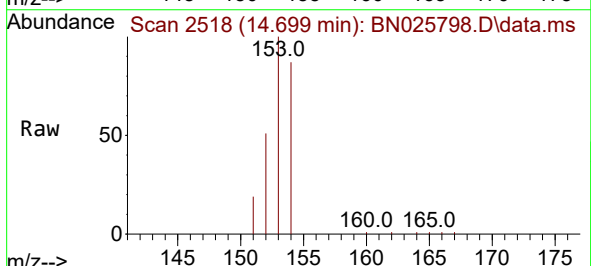
Tgt Ion:153 Resp: 15802

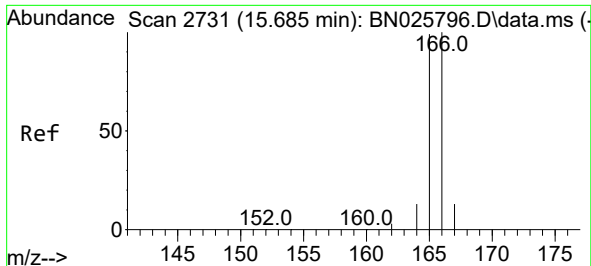
Ion Ratio Lower Upper

153 100

152 50.6 39.5 59.3

154 86.6 68.8 103.2

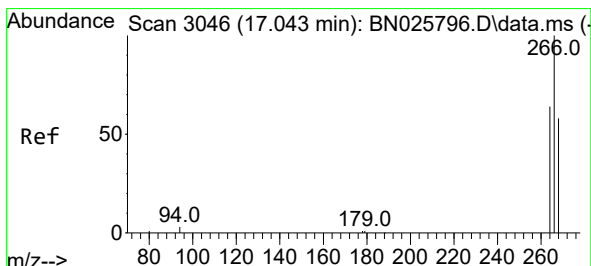
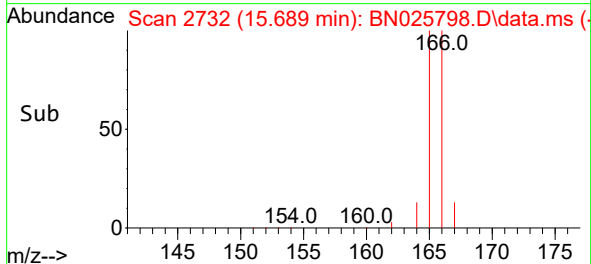
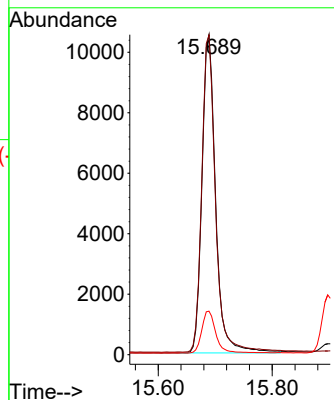
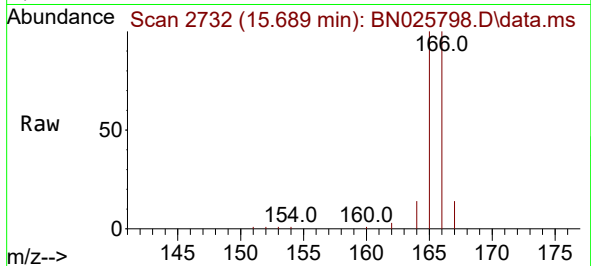




#12
 Fluorene
 Concen: 0.387 ng/ul
 RT: 15.689 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BN025798.D
 Acq: 13 Jun 2023 10:06

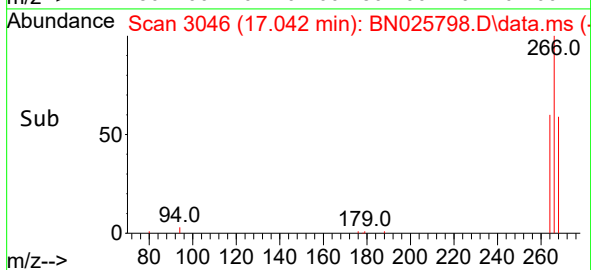
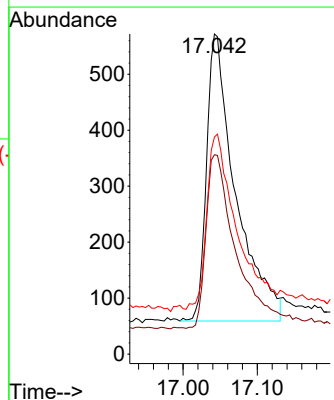
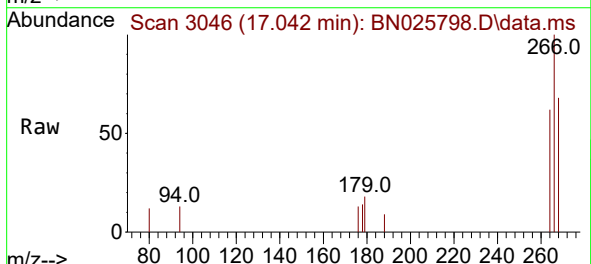
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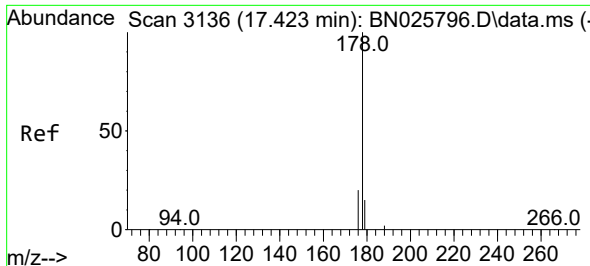
Tgt Ion:166 Resp: 17514
 Ion Ratio Lower Upper
 166 100
 165 99.9 79.2 118.8
 167 13.6 11.0 16.6



#14
 Pentachlorophenol
 Concen: 0.526 ng/ul
 RT: 17.042 min Scan# 3046
 Delta R.T. -0.013 min
 Lab File: BN025798.D
 Acq: 13 Jun 2023 10:06

Tgt Ion:266 Resp: 1391
 Ion Ratio Lower Upper
 266 100
 264 62.9 48.2 72.4
 268 64.1 48.2 72.4

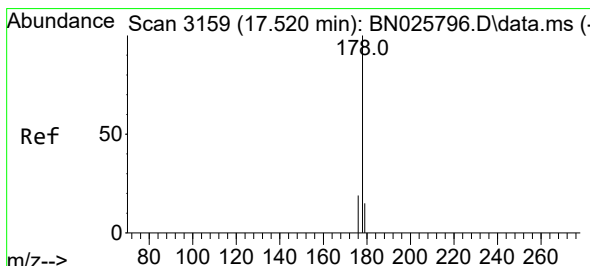
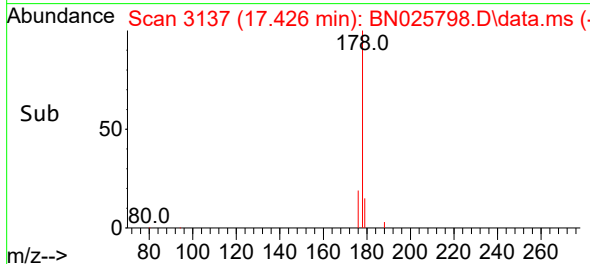
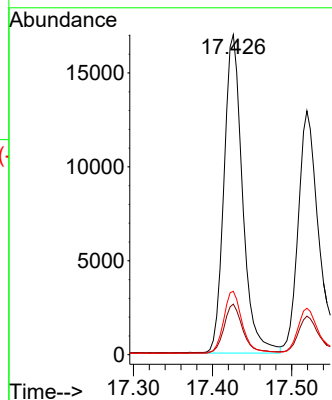
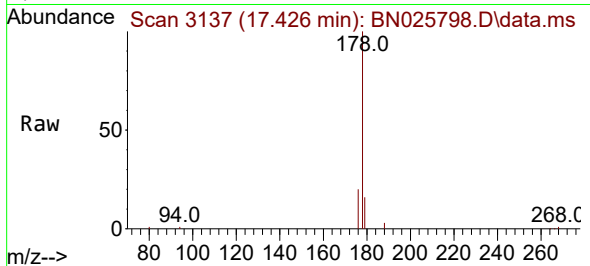




#15
Phenanthrene
Concen: 0.386 ng/ul
RT: 17.426 min Scan# 3136
Delta R.T. -0.005 min
Lab File: BN025798.D
Acq: 13 Jun 2023 10:06

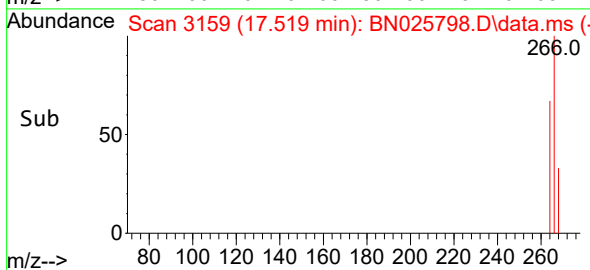
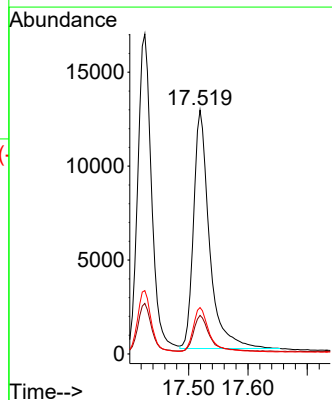
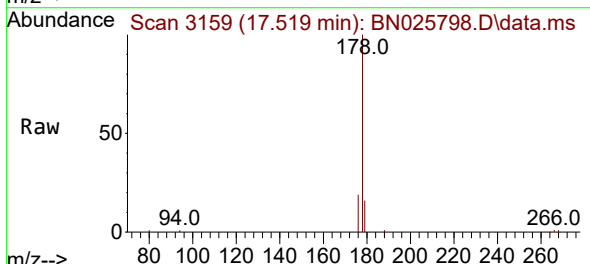
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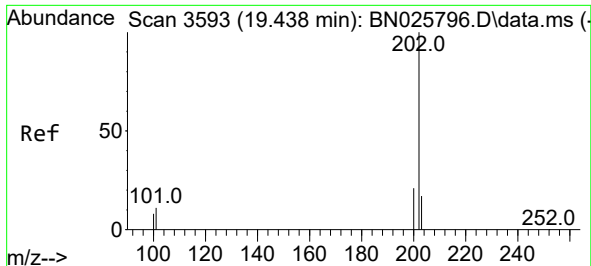
Tgt Ion:178 Resp: 27674
Ion Ratio Lower Upper
178 100
179 15.8 12.6 18.8
176 19.8 15.8 23.8



#16
Anthracene
Concen: 0.390 ng/ul
RT: 17.519 min Scan# 3159
Delta R.T. -0.005 min
Lab File: BN025798.D
Acq: 13 Jun 2023 10:06

Tgt Ion:178 Resp: 23595
Ion Ratio Lower Upper
178 100
179 15.8 12.6 19.0
176 19.1 15.4 23.2

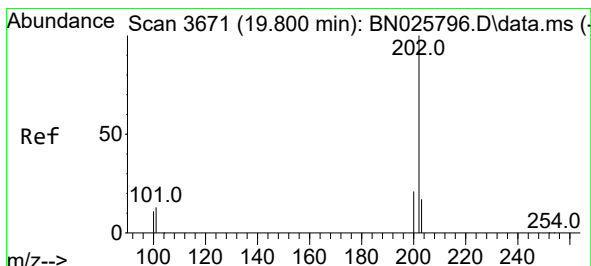
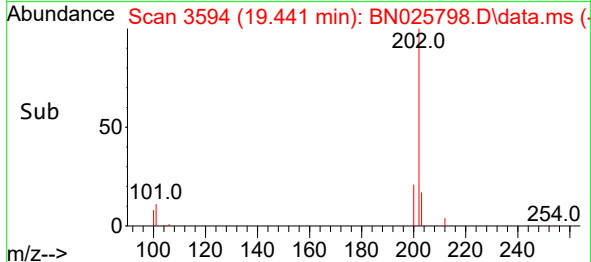
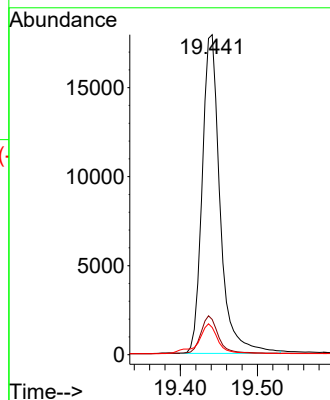
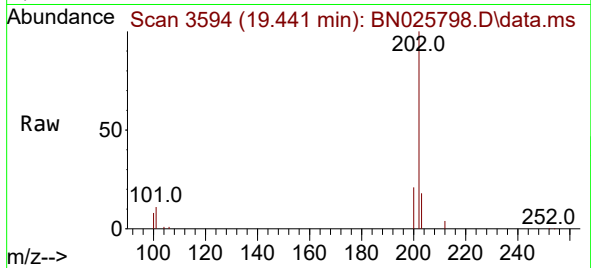




#19
Fluoranthene
Concen: 0.493 ng/ul
RT: 19.441 min Scan# 3594
Delta R.T. -0.001 min
Lab File: BN025798.D
Acq: 13 Jun 2023 10:06

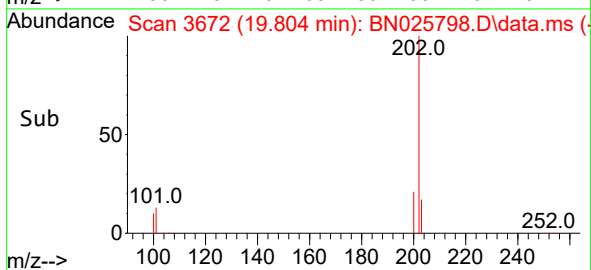
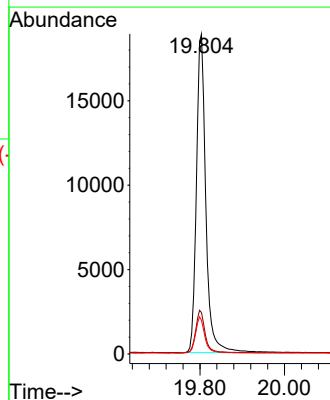
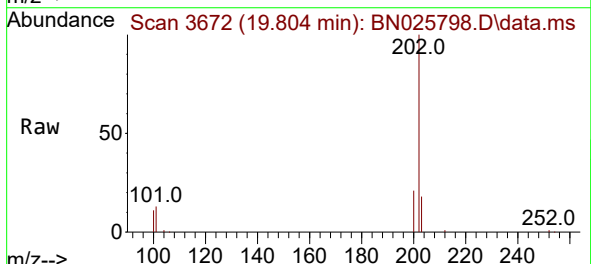
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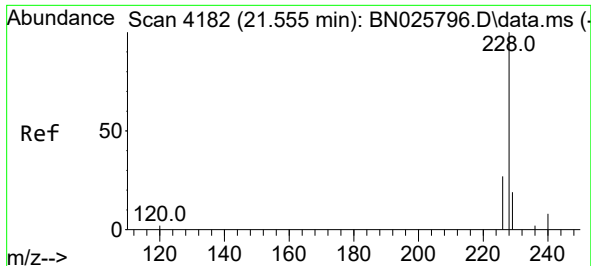
Tgt Ion:202 Resp: 28962
Ion Ratio Lower Upper
202 100
101 11.0 9.1 13.7
100 8.5 7.0 10.6



#20
Pyrene
Concen: 0.483 ng/ul
RT: 19.804 min Scan# 3672
Delta R.T. -0.001 min
Lab File: BN025798.D
Acq: 13 Jun 2023 10:06

Tgt Ion:202 Resp: 29356
Ion Ratio Lower Upper
202 100
101 13.0 10.4 15.6
100 10.5 8.8 13.2

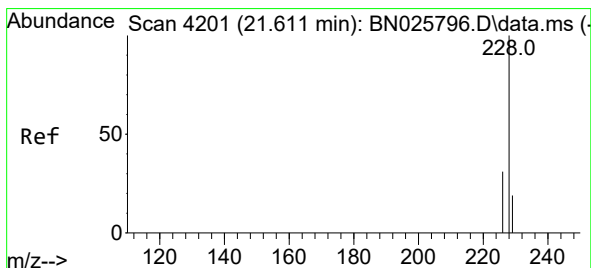
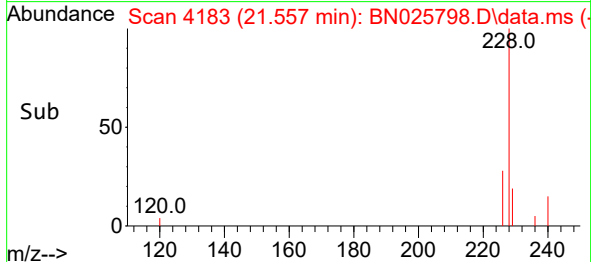
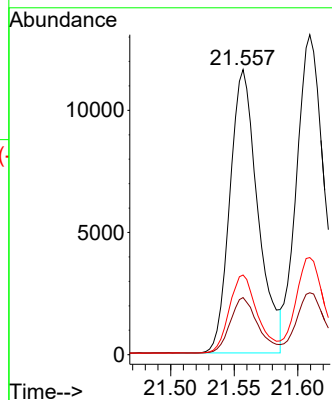
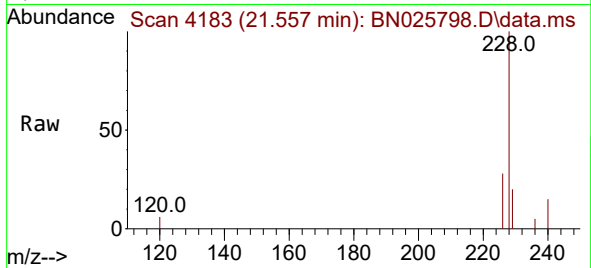




#21
Benzo(a)anthracene
Concen: 0.435 ng/ul
RT: 21.557 min Scan# 4182
Delta R.T. 0.005 min
Lab File: BN025798.D
Acq: 13 Jun 2023 10:06

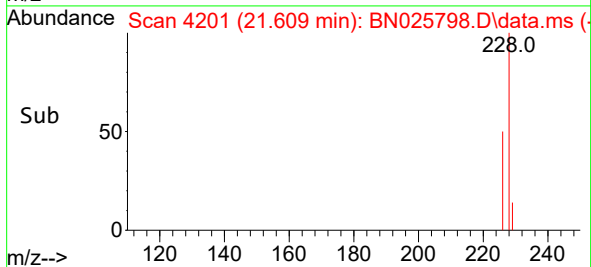
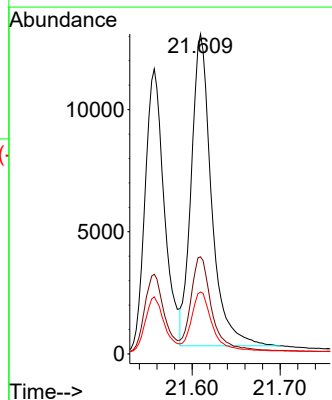
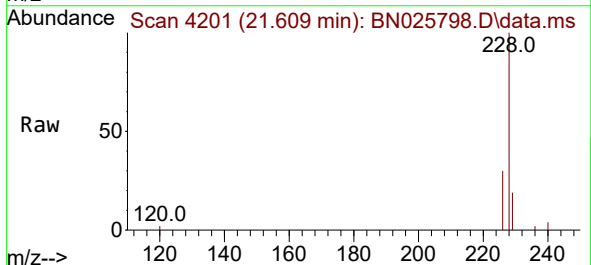
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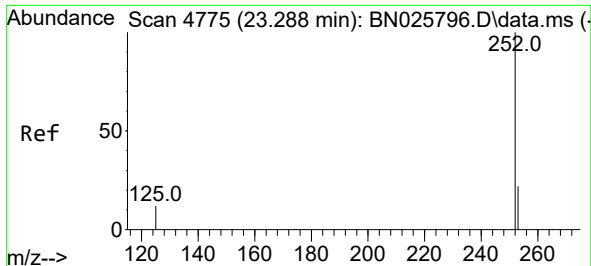
Tgt Ion:228 Resp: 17807
Ion Ratio Lower Upper
228 100
229 20.0 15.5 23.3
226 27.9 22.0 33.0



#22
Chrysene
Concen: 0.436 ng/ul
RT: 21.609 min Scan# 4201
Delta R.T. 0.001 min
Lab File: BN025798.D
Acq: 13 Jun 2023 10:06

Tgt Ion:228 Resp: 20409
Ion Ratio Lower Upper
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226 30.3 24.7 37.1
229 19.3 15.7 23.5

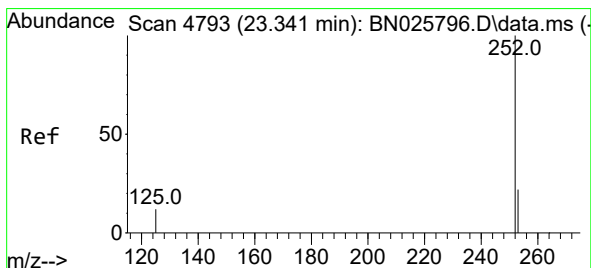
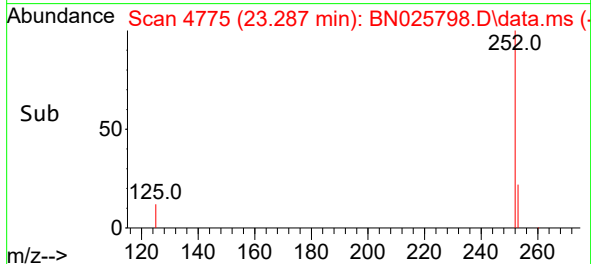
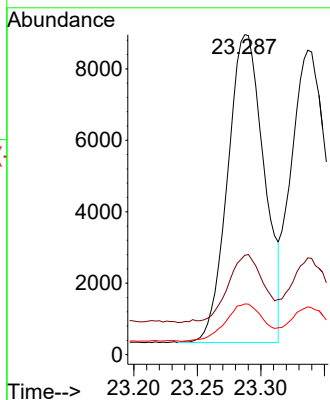
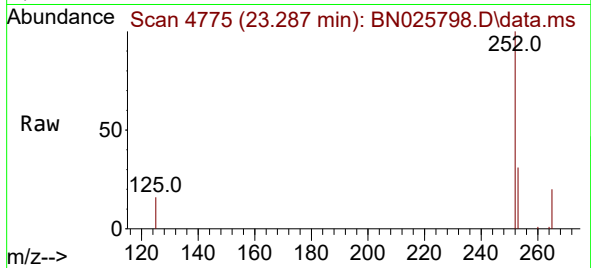




#24
Benzo(b)fluoranthene
Concen: 0.397 ng/ul
RT: 23.287 min Scan# 4775
Delta R.T. -0.004 min
Lab File: BN025798.D
Acq: 13 Jun 2023 10:06

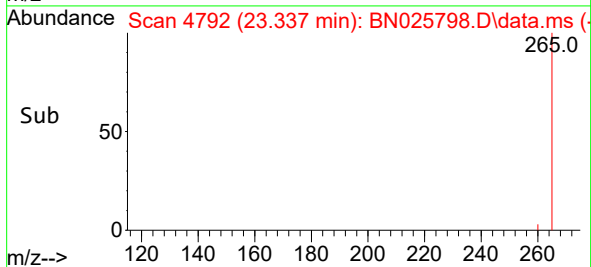
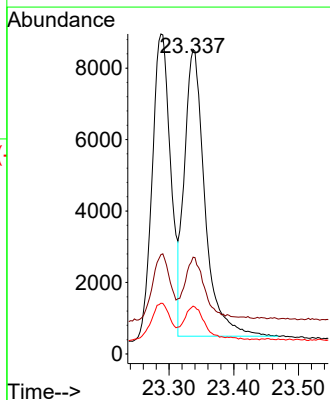
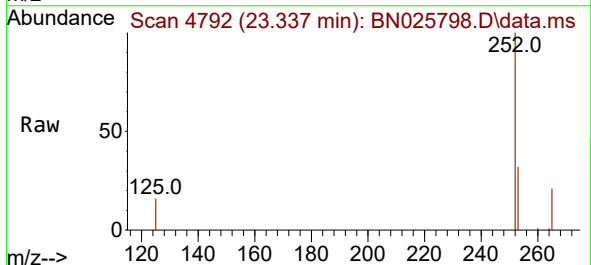
Instrument :
BNA_N
ClientSampleId :
SLCS145

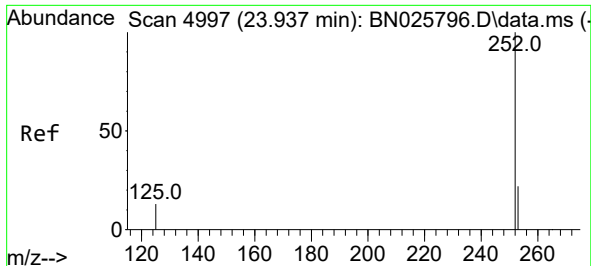
Tgt Ion:252 Resp: 17239
Ion Ratio Lower Upper
252 100
253 31.0 0.0 56.0
125 15.9 0.0 28.0



#25
Benzo(k)fluoranthene
Concen: 0.406 ng/ul
RT: 23.337 min Scan# 4792
Delta R.T. -0.004 min
Lab File: BN025798.D
Acq: 13 Jun 2023 10:06

Tgt Ion:252 Resp: 17685
Ion Ratio Lower Upper
252 100
253 31.8 23.3 34.9
125 15.7 11.6 17.4

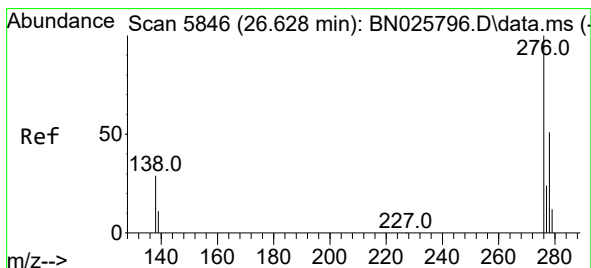
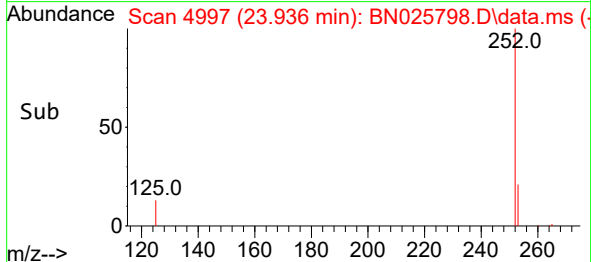
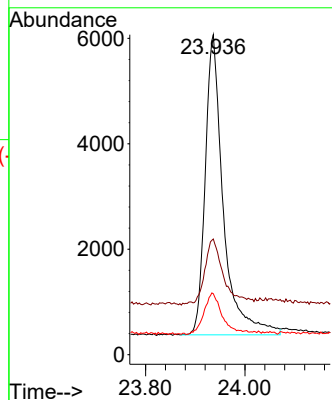
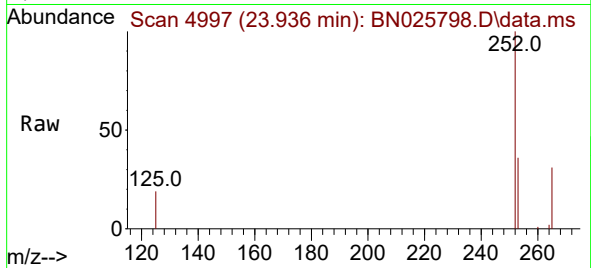




#26
Benzo(a)pyrene
Concen: 0.390 ng/ul
RT: 23.936 min Scan# 4997
Delta R.T. -0.007 min
Lab File: BN025798.D
Acq: 13 Jun 2023 10:06

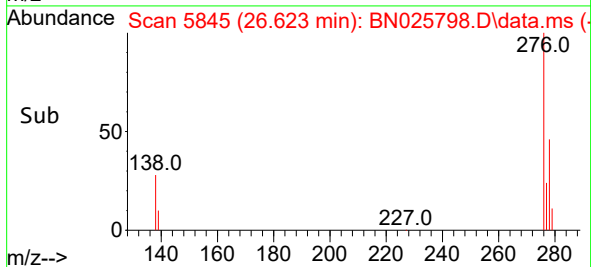
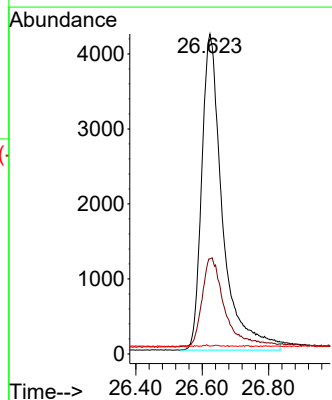
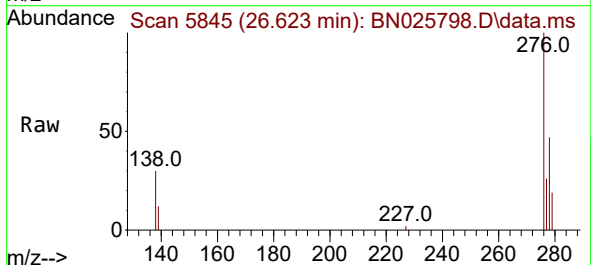
Instrument :
BNA_N
ClientSampleId :
SLCS145

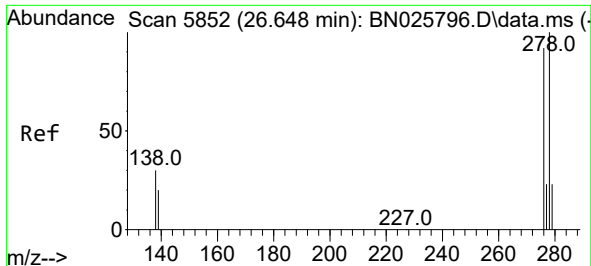
Tgt Ion:	252	Resp:	14369
Ion Ratio	Lower	Upper	
252	100		
253	36.1	25.8	38.8
125	19.0	13.5	20.3



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.436 ng/ul
RT: 26.623 min Scan# 5845
Delta R.T. -0.035 min
Lab File: BN025798.D
Acq: 13 Jun 2023 10:06

Tgt Ion:	276	Resp:	18311
Ion Ratio	Lower	Upper	
276	100		
138	31.0	24.6	36.8
227	0.1	0.0	0.0

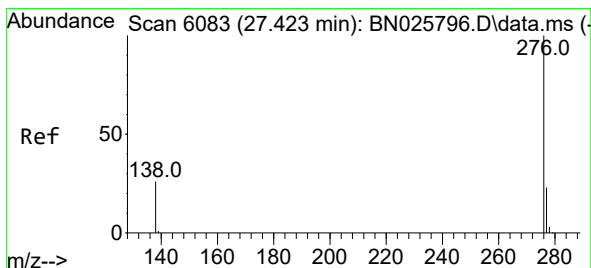
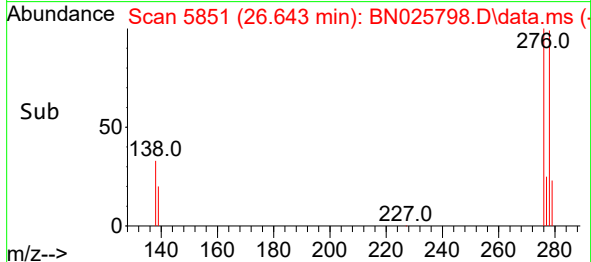
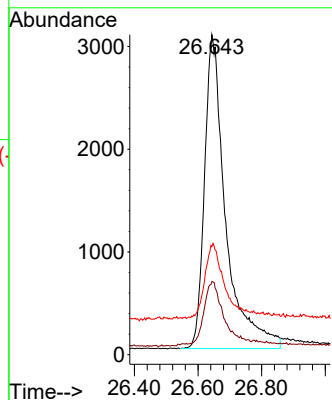
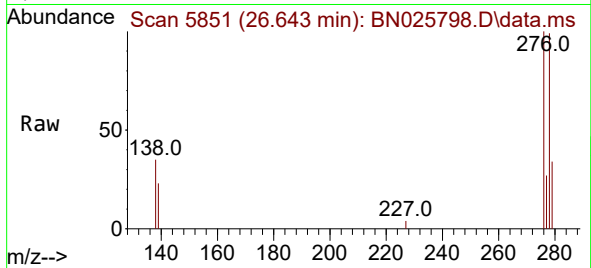




#28
Dibenzo(a,h)anthracene
Concen: 0.445 ng/ul
RT: 26.643 min Scan# 5851
Delta R.T. -0.042 min
Lab File: BN025798.D
Acq: 13 Jun 2023 10:06

Instrument :
BNA_N
ClientSampleId :
SLCS145

Tgt Ion:278 Resp: 14130
Ion Ratio Lower Upper
278 100
139 22.9 17.9 26.9
279 33.8 25.3 37.9



#29
Benzo(g,h,i)perylene
Concen: 0.438 ng/ul
RT: 27.415 min Scan# 6081
Delta R.T. -0.034 min
Lab File: BN025798.D
Acq: 13 Jun 2023 10:06

Tgt Ion:276 Resp: 16483
Ion Ratio Lower Upper
276 100
138 27.9 21.8 32.8
277 24.8 19.4 29.2

