

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060923\
 Data File : BN025777.D
 Acq On : 09 Jun 2023 15:19
 Operator : MA/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SICV222

Quant Time: Jun 10 02:02:37 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

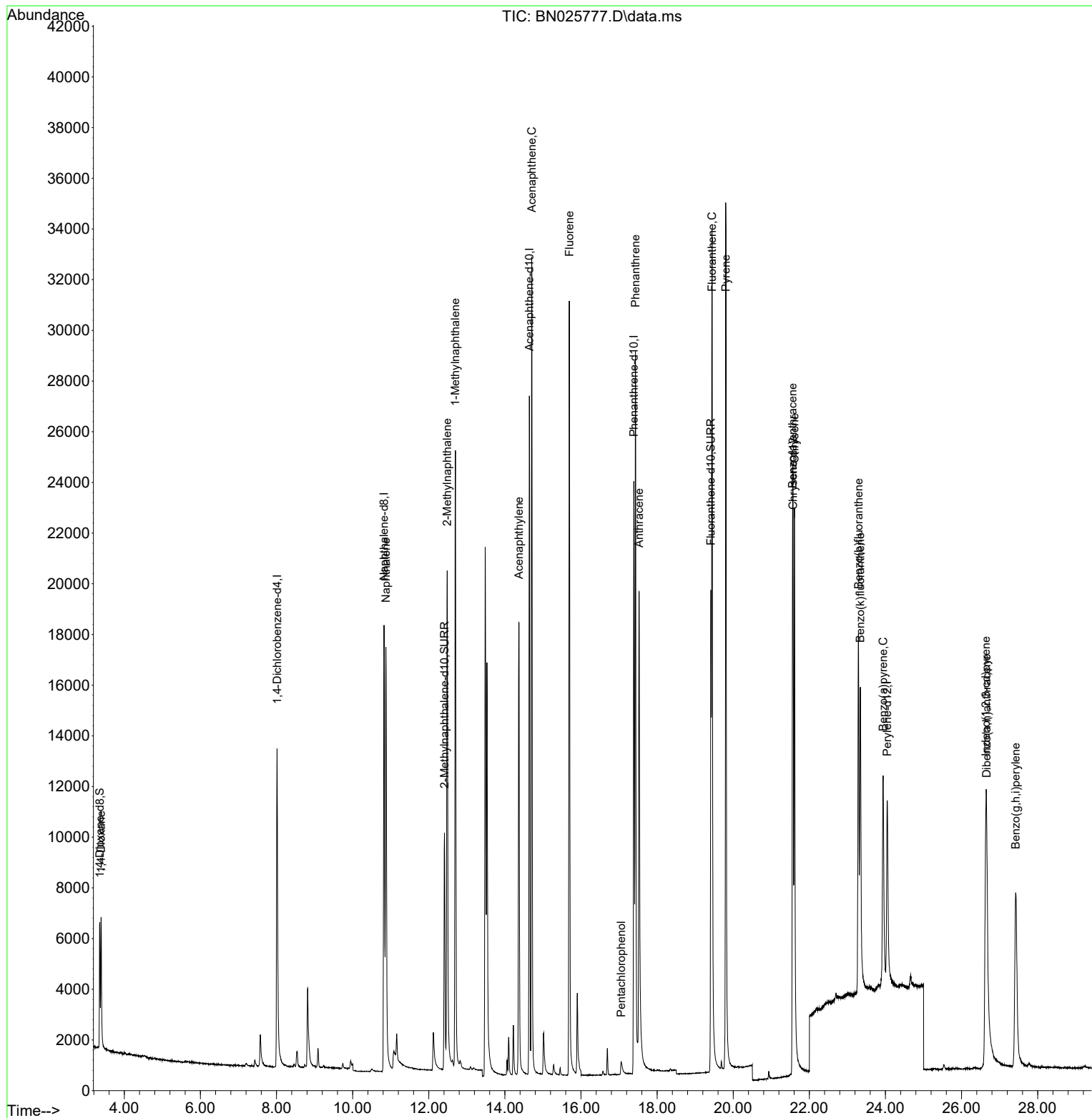
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.014	152	8836	0.400	ng/ul	0.00
4) Naphthalene-d8	10.824	136	26653	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.644	164	15074	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.389	188	29299	0.400	ng/ul	0.00
17) Chrysene-d12	21.575	240	14929	0.400	ng/ul	0.00
23) Perylene-d12	24.048	264	12548	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.356	96	3355	0.386	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.413	152	13743	0.407	ng/ul	0.00
18) Fluoranthene-d10	19.414	212	23044	0.489	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.390	88	3695	0.397	ng/ul	99
5) Naphthalene	10.873	128	27099	0.400	ng/ul	100
7) 2-Methylnaphthalene	12.485	142	16522	0.405	ng/ul	100
8) 1-Methylnaphthalene	12.699	142	17922	0.399	ng/ul	100
10) Acenaphthylene	14.371	152	23805	0.399	ng/ul	99
11) Acenaphthene	14.704	153	20156	0.405	ng/ul	99
12) Fluorene	15.694	166	22255	0.402	ng/ul	100
14) Pentachlorophenol	17.055	266	750	0.238	ng/ul	96
15) Phenanthrene	17.431	178	33918	0.397	ng/ul	100
16) Anthracene	17.528	178	28236	0.391	ng/ul	99
19) Fluoranthene	19.442	202	33517	0.491	ng/ul	98
20) Pyrene	19.804	202	34134	0.483	ng/ul	98
21) Benzo(a)anthracene	21.557	228	19889	0.418	ng/ul	99
22) Chrysene	21.610	228	23350	0.429	ng/ul	99
24) Benzo(b)fluoranthene	23.291	252	20248	0.394	ng/ul	95
25) Benzo(k)fluoranthene	23.340	252	19999	0.389	ng/ul	95
26) Benzo(a)pyrene	23.940	252	16864	0.388	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	26.641	276	21562	0.435	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.661	278	16504	0.440	ng/ul	99
29) Benzo(g,h,i)perylene	27.425	276	19501	0.438	ng/ul	99

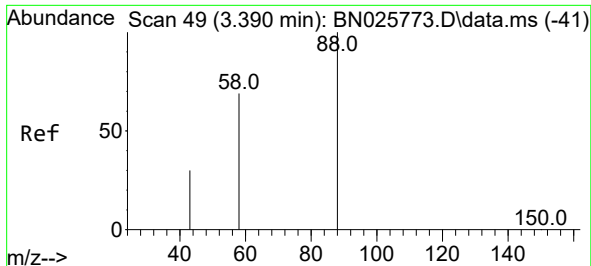
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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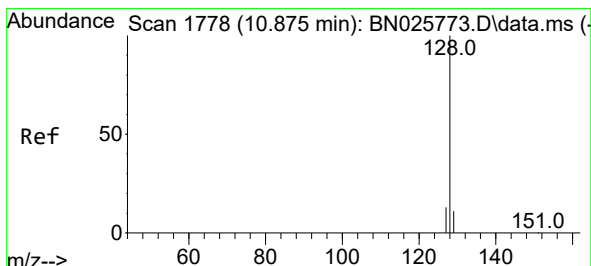
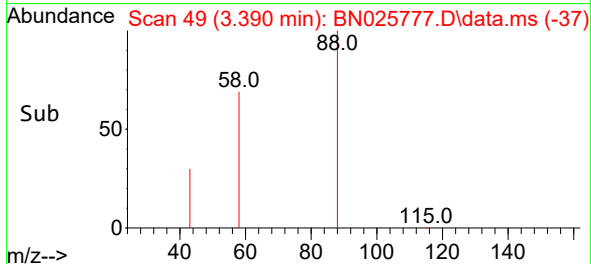
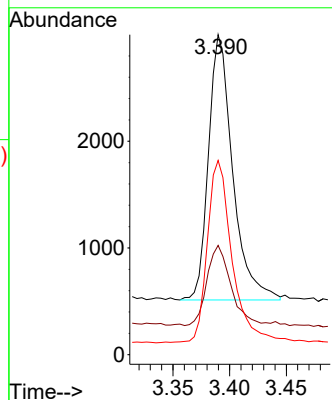
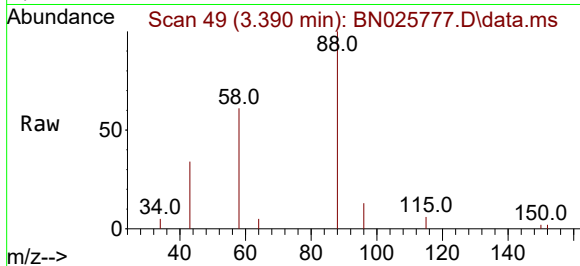




#2
1,4-Dioxane
Concen: 0.397 ng/ul
RT: 3.390 min Scan# 49
Delta R.T. -0.000 min
Lab File: BN025777.D
Acq: 09 Jun 2023 15:19

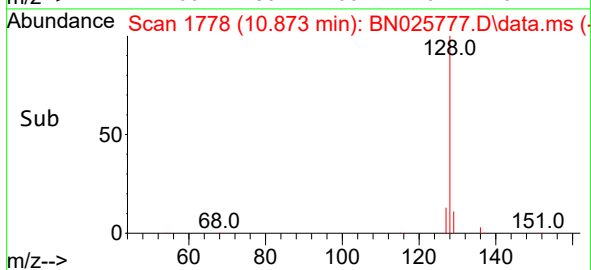
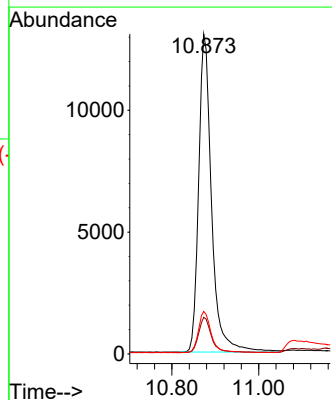
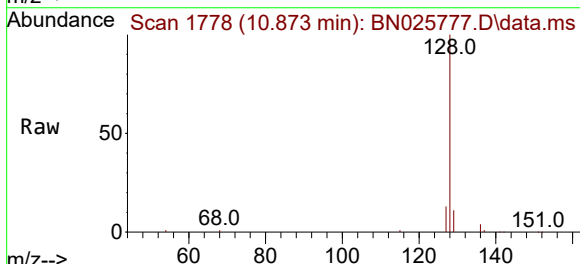
Instrument :
BNA_N
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SICV222

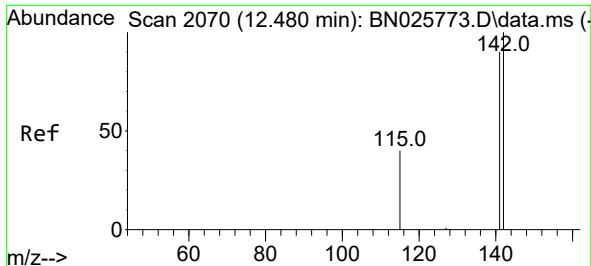
Tgt Ion: 88 Resp: 3695
Ion Ratio Lower Upper
88 100
43 34.1 26.5 39.7
58 60.7 49.0 73.6



#5
Naphthalene
Concen: 0.400 ng/ul
RT: 10.873 min Scan# 1778
Delta R.T. -0.002 min
Lab File: BN025777.D
Acq: 09 Jun 2023 15:19

Tgt Ion: 128 Resp: 27099
Ion Ratio Lower Upper
128 100
129 11.4 9.1 13.7
127 13.3 10.5 15.7

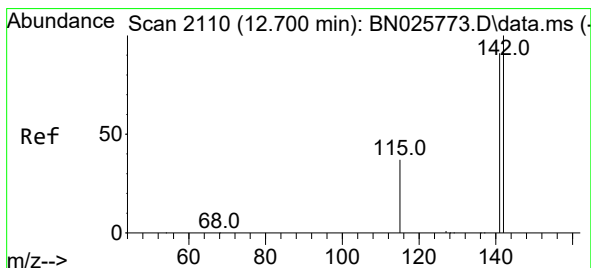
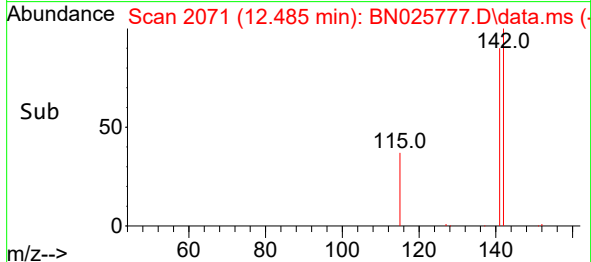
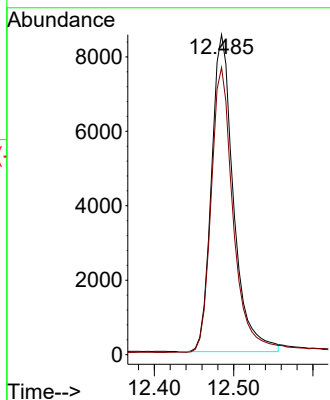
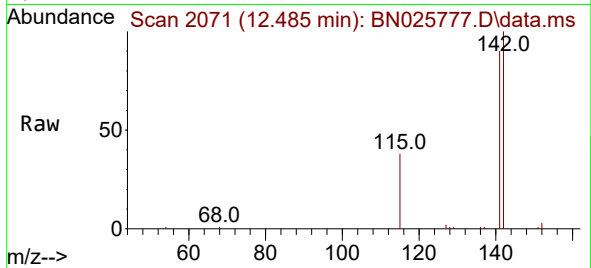




#7
2-Methylnaphthalene
Concen: 0.405 ng/ul
RT: 12.485 min Scan# 2071
Delta R.T. 0.005 min
Lab File: BN025777.D
Acq: 09 Jun 2023 15:19

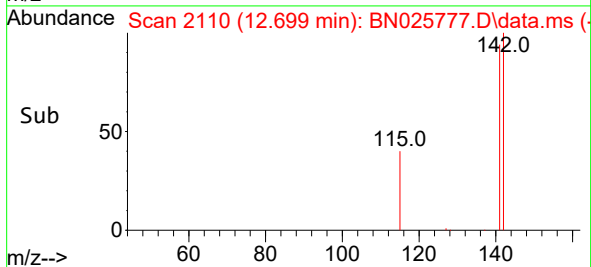
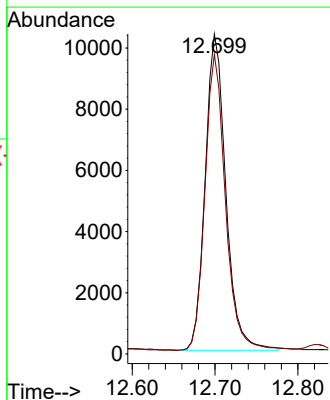
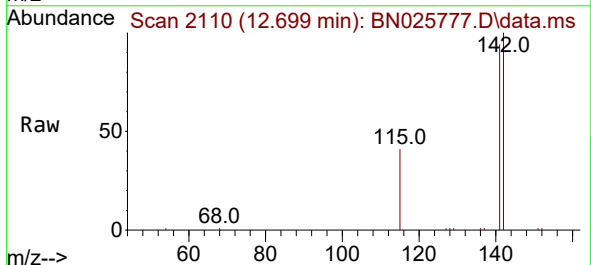
Instrument :
BNA_N
ClientSampleId :
SICV222

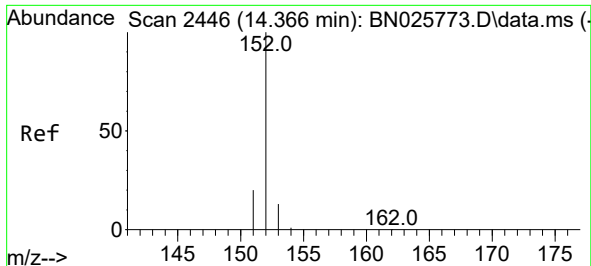
Tgt Ion:142 Resp: 16522
Ion Ratio Lower Upper
142 100
141 89.6 71.4 107.2



#8
1-Methylnaphthalene
Concen: 0.399 ng/ul
RT: 12.699 min Scan# 2110
Delta R.T. -0.001 min
Lab File: BN025777.D
Acq: 09 Jun 2023 15:19

Tgt Ion:142 Resp: 17922
Ion Ratio Lower Upper
142 100
141 92.7 74.0 111.0

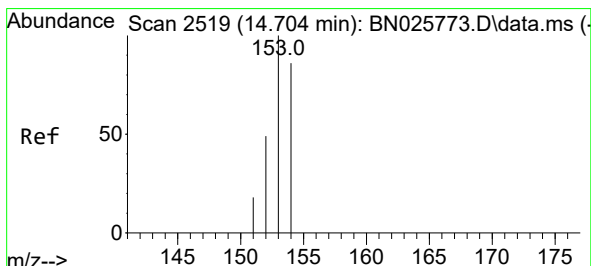
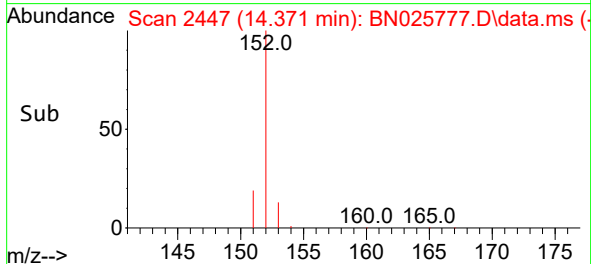
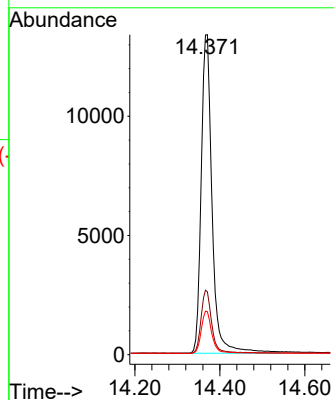
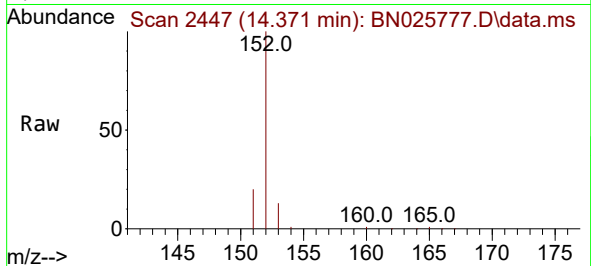




#10
Acenaphthylene
Concen: 0.399 ng/ul
RT: 14.371 min Scan# 2447
Delta R.T. 0.005 min
Lab File: BN025777.D
Acq: 09 Jun 2023 15:19

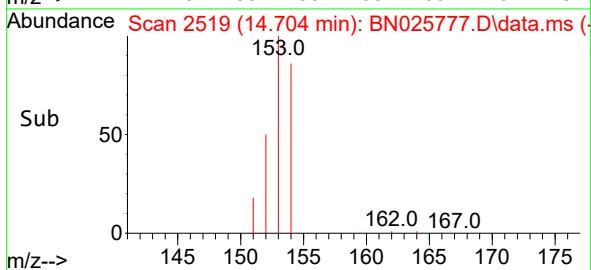
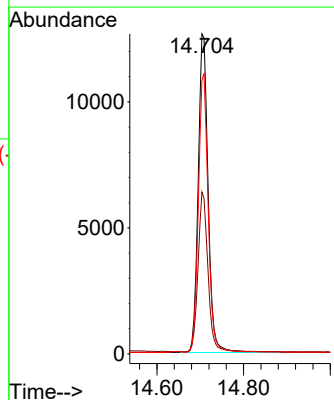
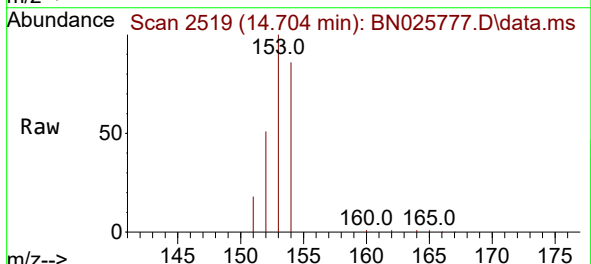
Instrument :
BNA_N
ClientSampleId :
SICV222

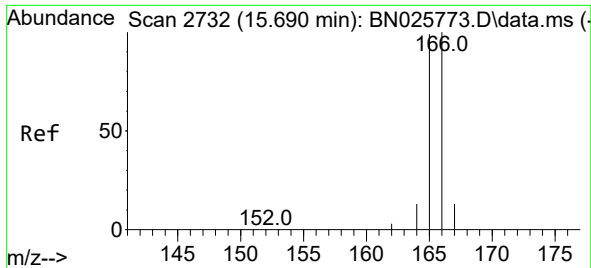
Tgt Ion:152 Resp: 23805
Ion Ratio Lower Upper
152 100
151 19.6 16.0 24.0
153 13.5 10.7 16.1



#11
Acenaphthene
Concen: 0.405 ng/ul
RT: 14.704 min Scan# 2519
Delta R.T. -0.000 min
Lab File: BN025777.D
Acq: 09 Jun 2023 15:19

Tgt Ion:153 Resp: 20156
Ion Ratio Lower Upper
153 100
152 50.6 39.5 59.3
154 85.6 68.8 103.2

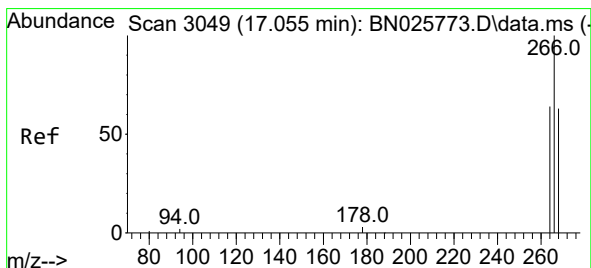
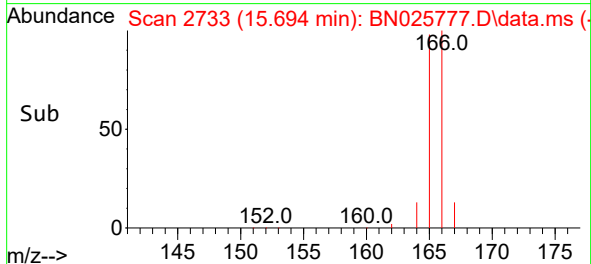
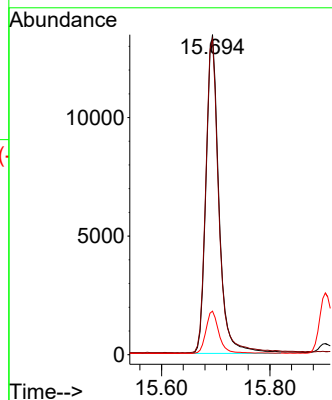
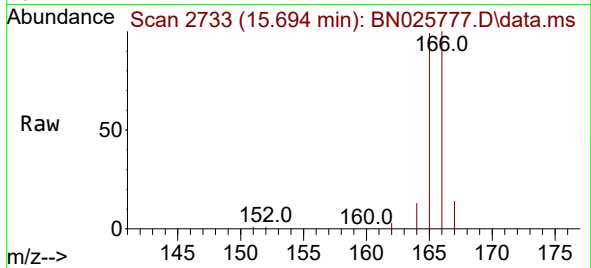




#12
Fluorene
Concen: 0.402 ng/ul
RT: 15.694 min Scan# 21
Delta R.T. 0.004 min
Lab File: BN025777.D
Acq: 09 Jun 2023 15:19

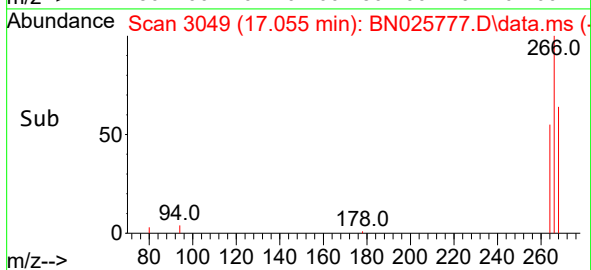
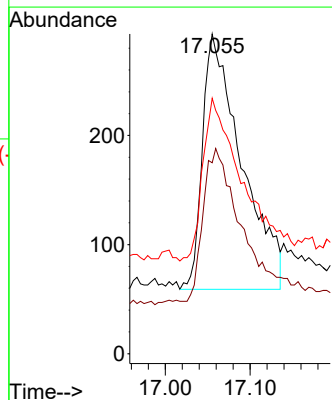
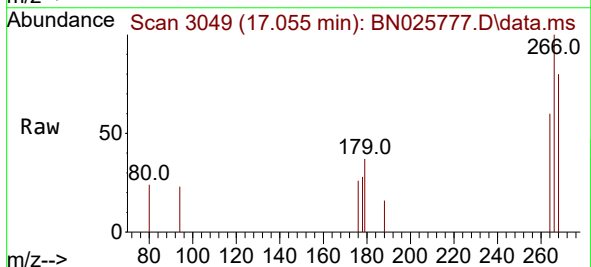
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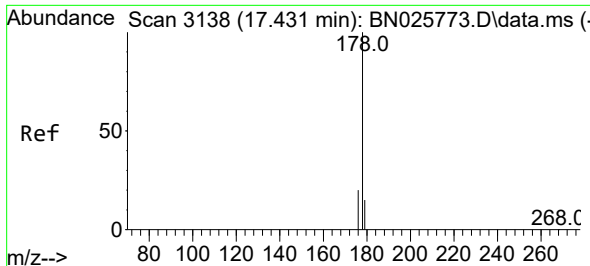
Tgt Ion:	166	Resp:	22255
Ion Ratio	Lower	Upper	
166	100		
165	98.6	79.2	118.8
167	13.6	11.0	16.6



#14
Pentachlorophenol
Concen: 0.238 ng/ul
RT: 17.055 min Scan# 3049
Delta R.T. -0.000 min
Lab File: BN025777.D
Acq: 09 Jun 2023 15:19

Tgt Ion:	266	Resp:	750
Ion Ratio	Lower	Upper	
266	100		
264	58.8	48.2	72.4
268	64.1	48.2	72.4

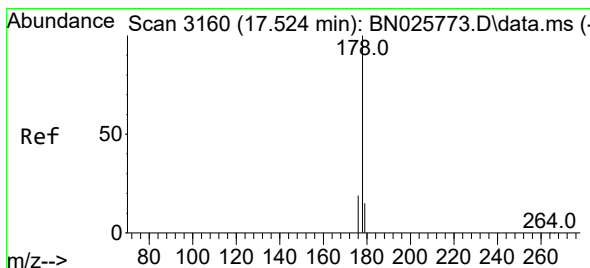
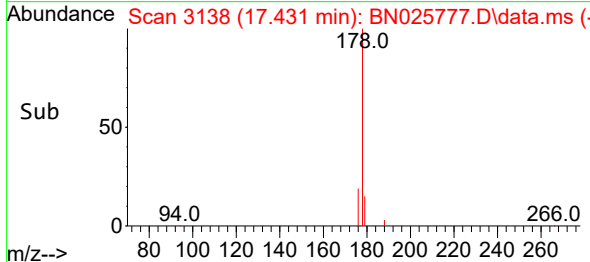
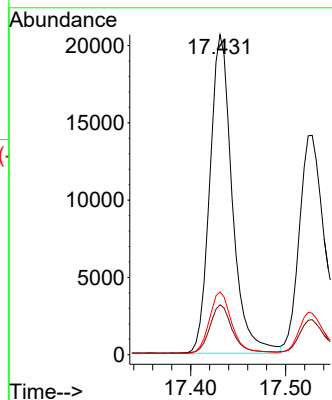
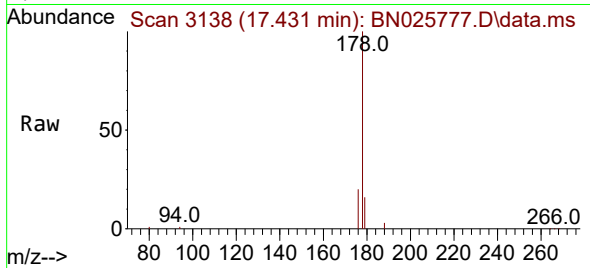




#15
Phenanthrene
Concen: 0.397 ng/ul
RT: 17.431 min Scan# 3138
Delta R.T. -0.000 min
Lab File: BN025777.D
Acq: 09 Jun 2023 15:19

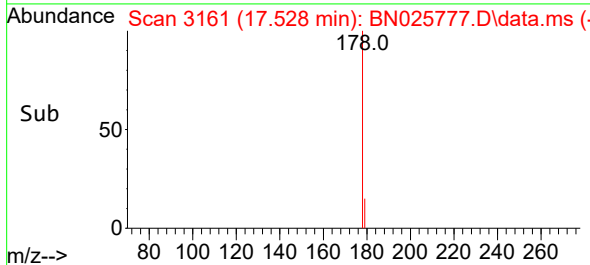
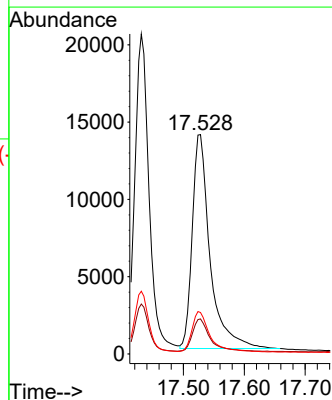
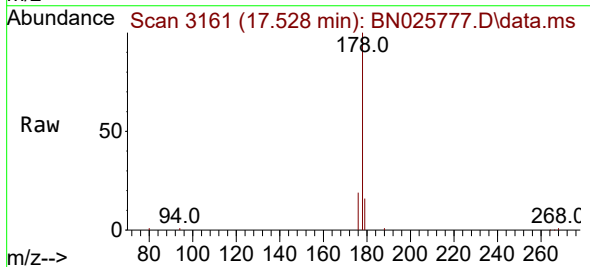
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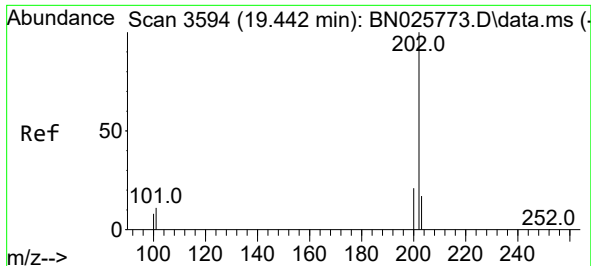
Tgt Ion:178	Resp:	33918
Ion Ratio	Lower	Upper
178	100	
179	15.6	12.6 18.8
176	19.6	15.8 23.8



#16
Anthracene
Concen: 0.391 ng/ul
RT: 17.528 min Scan# 3161
Delta R.T. 0.004 min
Lab File: BN025777.D
Acq: 09 Jun 2023 15:19

Tgt Ion:178	Resp:	28236
Ion Ratio	Lower	Upper
178	100	
179	16.0	12.6 19.0
176	18.9	15.4 23.2

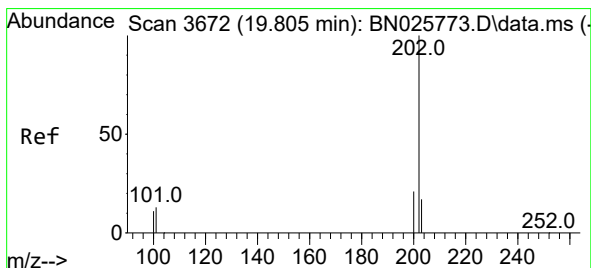
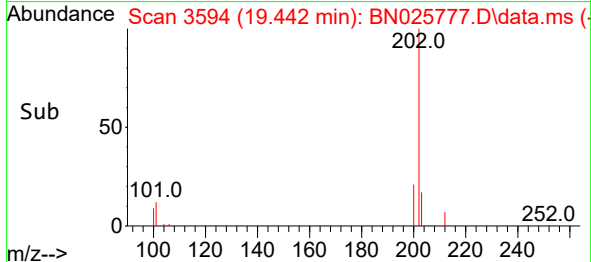
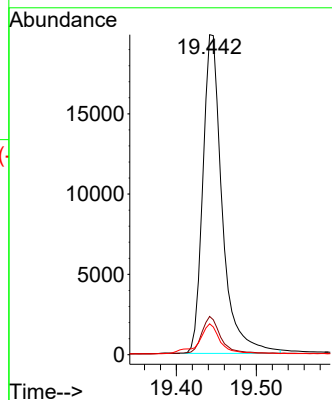
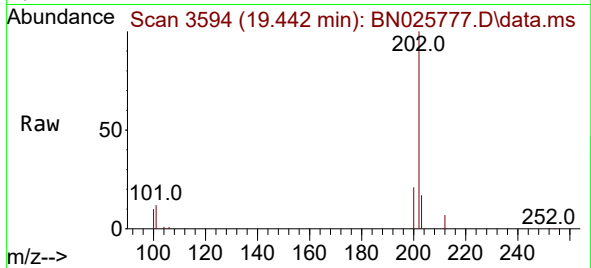




#19
Fluoranthene
Concen: 0.491 ng/ul
RT: 19.442 min Scan# 3594
Delta R.T. -0.000 min
Lab File: BN025777.D
Acq: 09 Jun 2023 15:19

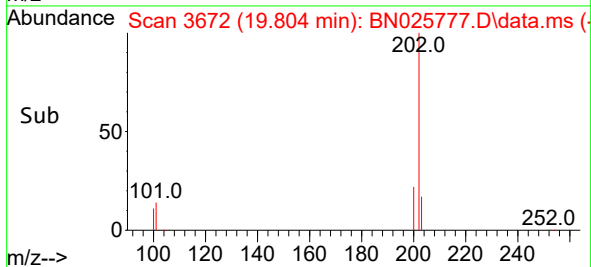
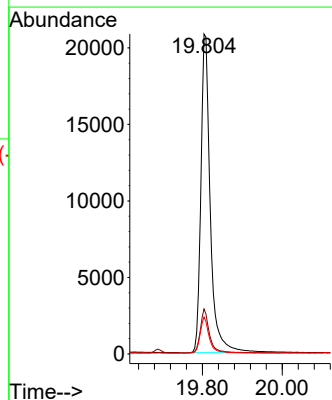
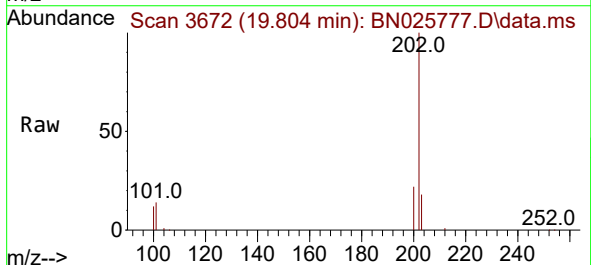
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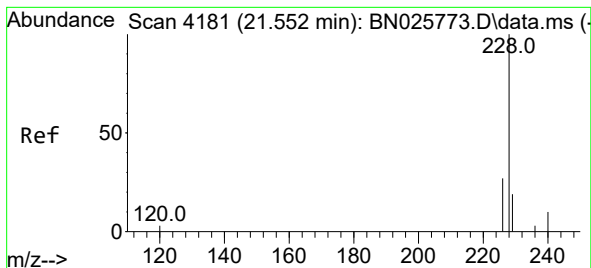
Tgt Ion:202 Resp: 33517
Ion Ratio Lower Upper
202 100
101 12.0 9.1 13.7
100 9.6 7.0 10.6



#20
Pyrene
Concen: 0.483 ng/ul
RT: 19.804 min Scan# 3672
Delta R.T. -0.001 min
Lab File: BN025777.D
Acq: 09 Jun 2023 15:19

Tgt Ion:202 Resp: 34134
Ion Ratio Lower Upper
202 100
101 14.1 10.4 15.6
100 11.5 8.8 13.2





#21

Benzo(a)anthracene

Concen: 0.418 ng/ul

RT: 21.557 min Scan# 4181

Delta R.T. 0.005 min

Lab File: BN025777.D

Acq: 09 Jun 2023 15:19

Instrument :

BNA_N

ClientSampleId :

SICV222

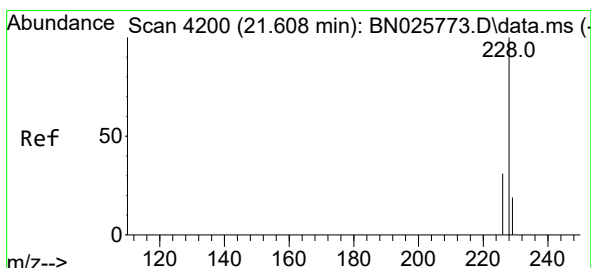
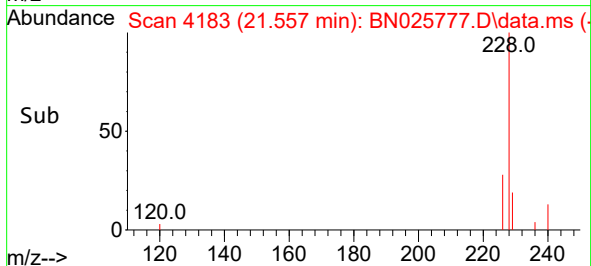
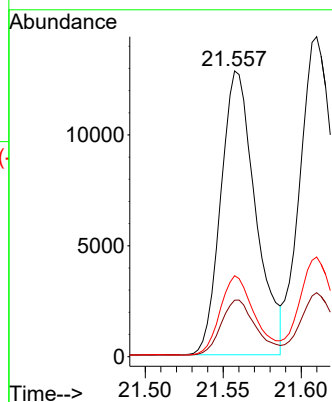
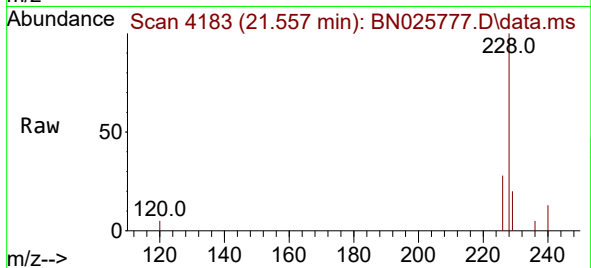
Tgt Ion:228 Resp: 19889

Ion Ratio Lower Upper

228 100

229 19.8 15.5 23.3

226 28.3 22.0 33.0



#22

Chrysene

Concen: 0.429 ng/ul

RT: 21.610 min Scan# 4201

Delta R.T. 0.002 min

Lab File: BN025777.D

Acq: 09 Jun 2023 15:19

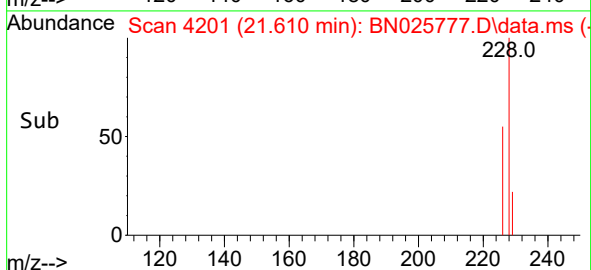
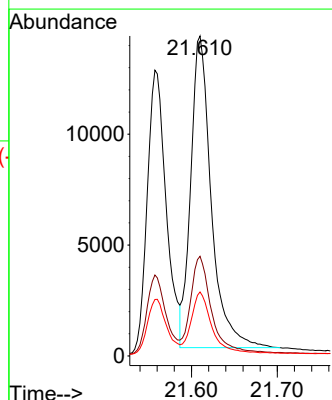
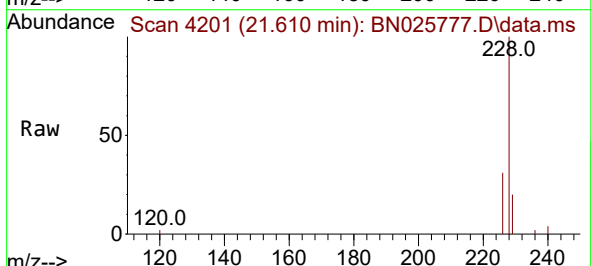
Tgt Ion:228 Resp: 23350

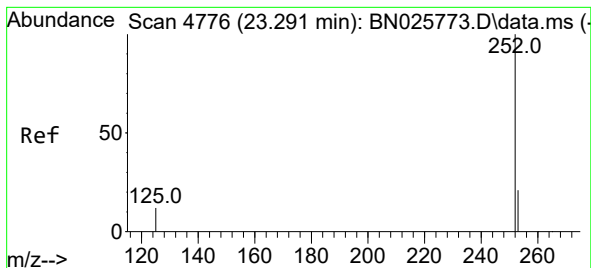
Ion Ratio Lower Upper

228 100

226 31.1 24.7 37.1

229 20.0 15.7 23.5





#24

Benzo(b)fluoranthene

Concen: 0.394 ng/ul

RT: 23.291 min Scan# 4776

Delta R.T. -0.000 min

Lab File: BN025777.D

Acq: 09 Jun 2023 15:19

Instrument :

BNA_N

ClientSampleId :

SICV222

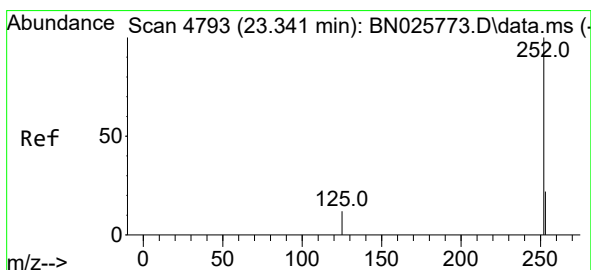
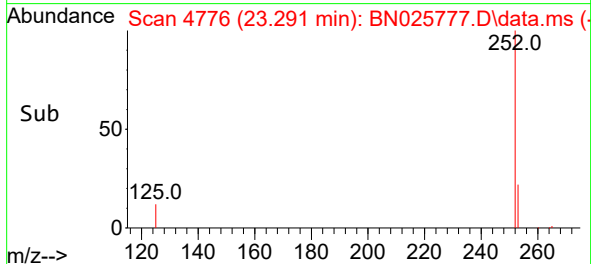
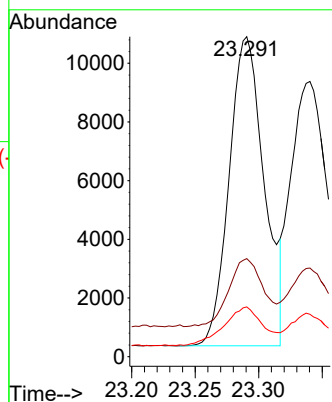
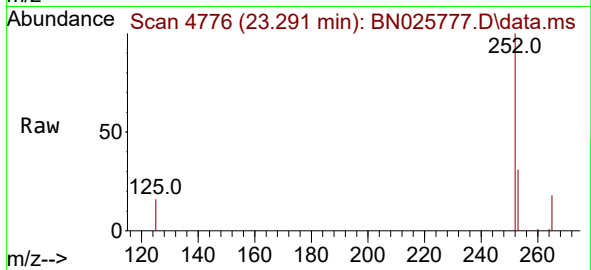
Tgt Ion:252 Resp: 20248

Ion Ratio Lower Upper

252 100

253 30.7 0.0 56.0

125 15.6 0.0 28.0



#25

Benzo(k)fluoranthene

Concen: 0.389 ng/ul

RT: 23.340 min Scan# 4793

Delta R.T. -0.001 min

Lab File: BN025777.D

Acq: 09 Jun 2023 15:19

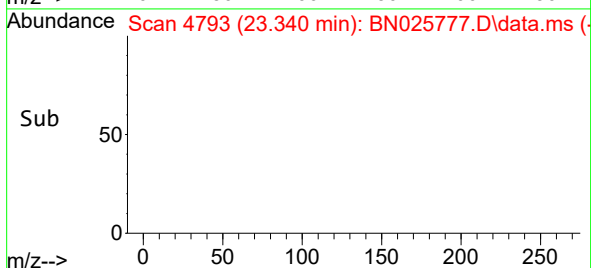
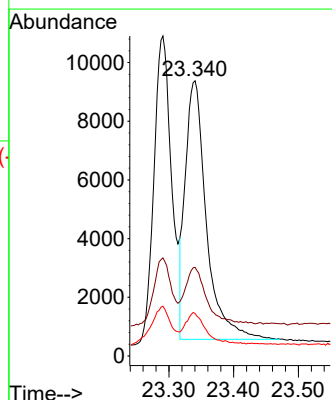
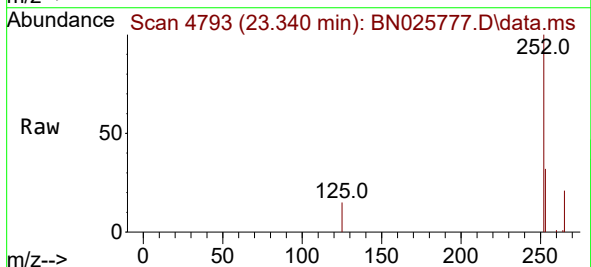
Tgt Ion:252 Resp: 19999

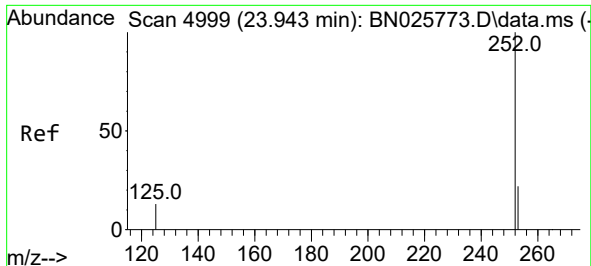
Ion Ratio Lower Upper

252 100

253 32.2 23.3 34.9

125 15.4 11.6 17.4

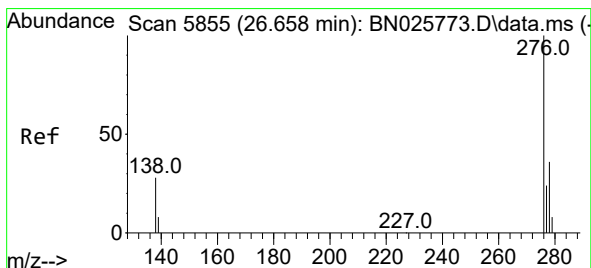
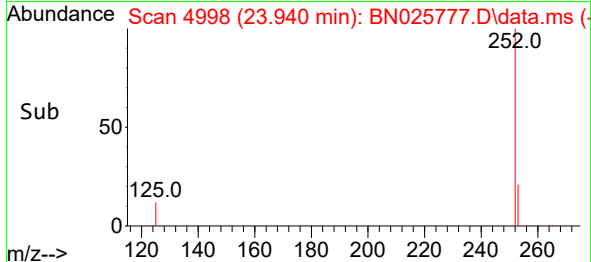
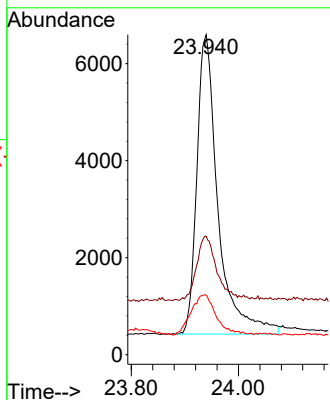
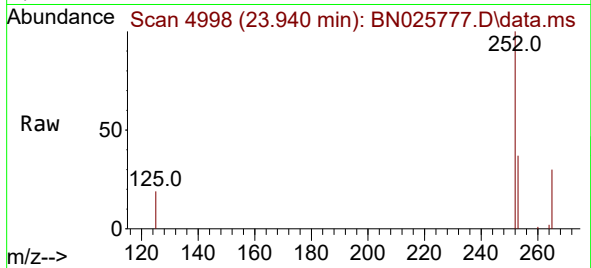




#26
Benzo(a)pyrene
Concen: 0.388 ng/ul
RT: 23.940 min Scan# 4999
Delta R.T. -0.003 min
Lab File: BN025777.D
Acq: 09 Jun 2023 15:19

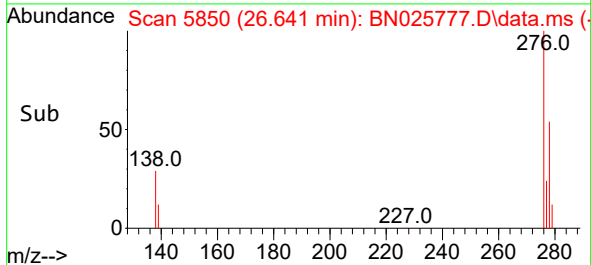
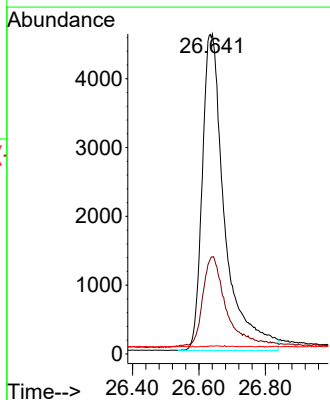
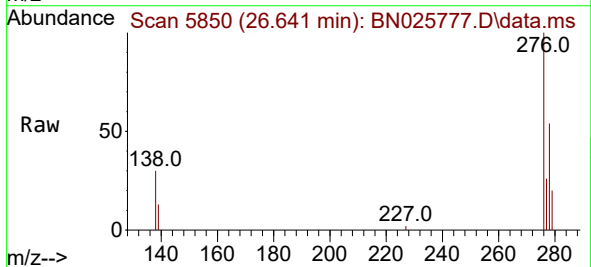
Instrument :
BNA_N
ClientSampleId :
SICV222

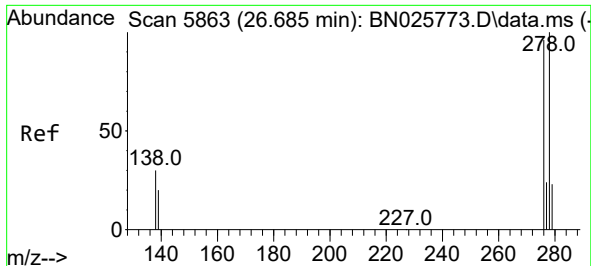
Tgt Ion:252 Resp: 16864
Ion Ratio Lower Upper
252 100
253 37.1 25.8 38.8
125 18.6 13.5 20.3



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.435 ng/ul
RT: 26.641 min Scan# 5850
Delta R.T. -0.017 min
Lab File: BN025777.D
Acq: 09 Jun 2023 15:19

Tgt Ion:276 Resp: 21562
Ion Ratio Lower Upper
276 100
138 29.0 24.6 36.8
227 0.1 0.0 0.0#

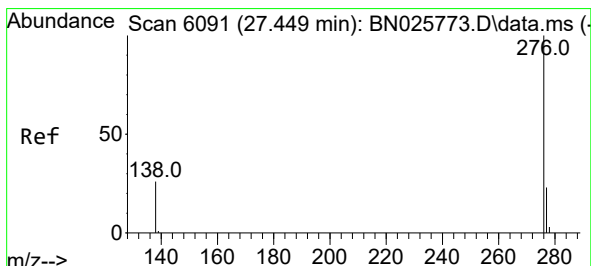
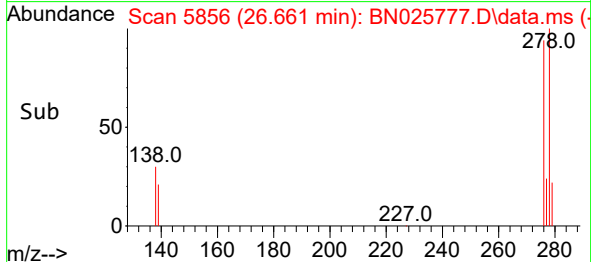
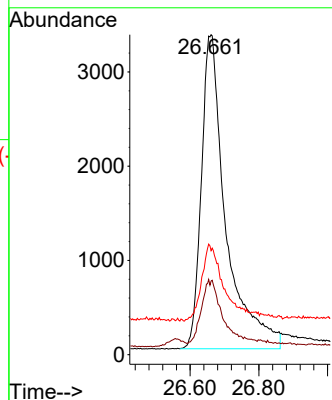
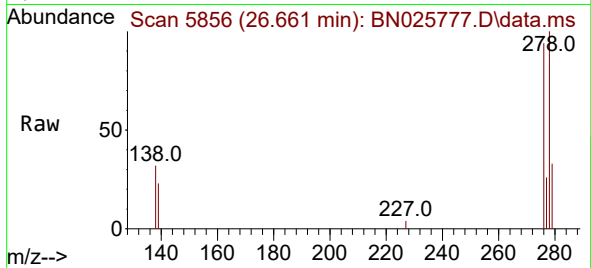




#28
Dibenzo(a,h)anthracene
Concen: 0.440 ng/ul
RT: 26.661 min Scan# 5856
Delta R.T. -0.024 min
Lab File: BN025777.D
Acq: 09 Jun 2023 15:19

Instrument :
BNA_N
ClientSampleId :
SICV222

Tgt Ion:278 Resp: 16504
Ion Ratio Lower Upper
278 100
139 23.0 17.9 26.9
279 32.5 25.3 37.9



#29
Benzo(g,h,i)perylene
Concen: 0.438 ng/ul
RT: 27.425 min Scan# 6084
Delta R.T. -0.024 min
Lab File: BN025777.D
Acq: 09 Jun 2023 15:19

Tgt Ion:276 Resp: 19501
Ion Ratio Lower Upper
276 100
138 27.7 21.8 32.8
277 25.0 19.4 29.2

