

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042723\
 Data File : BN025182.D
 Acq On : 27 Apr 2023 17:45
 Operator : CG/JU
 Sample : 02418-01DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Apr 28 01:49:30 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 : Thu Apr 27 15:27:43 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

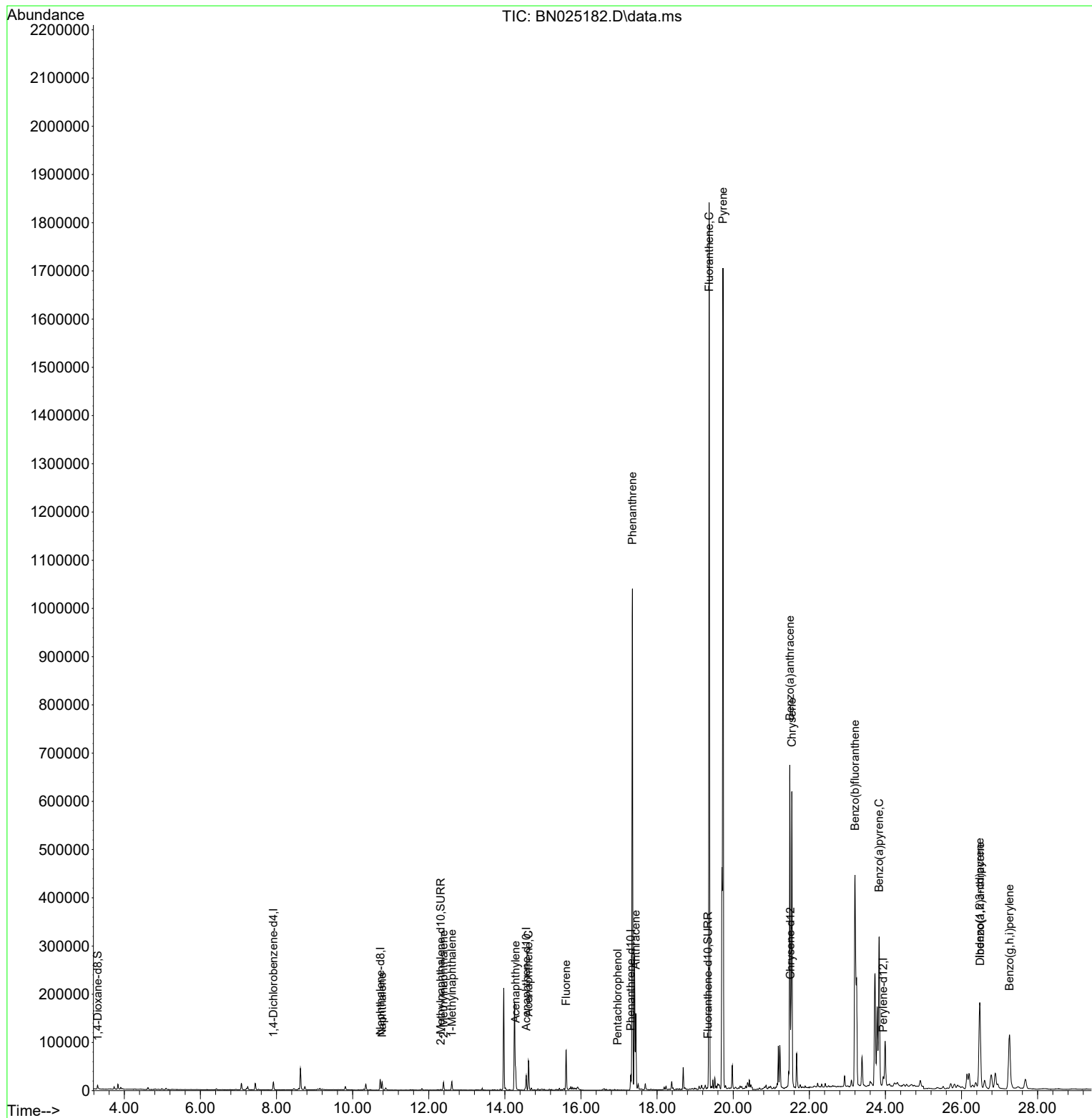
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	7889	0.400	ng/ul	0.00
4) Naphthalene-d8	10.726	136	28101	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.561	164	16589	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.309	188	35027	0.400	ng/ul	0.00
17) Chrysene-d12	21.506	240	27549	0.400	ng/ul	0.00
23) Perylene-d12	23.940	264	24766	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	4816	0.590	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.315	152	1603	0.044	ng/ul	0.00
18) Fluoranthene-d10	19.340	212	3813	0.052	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.776	128	22630	0.314	ng/ul	99
7) 2-Methylnaphthalene	12.387	142	11505	0.261	ng/ul	99
8) 1-Methylnaphthalene	12.607	142	12067	0.257	ng/ul	100
10) Acenaphthylene	14.283	152	54353	0.880	ng/ul	100
11) Acenaphthene	14.621	153	35159	0.675	ng/ul	99
12) Fluorene	15.611	166	52473	0.901	ng/ul	99
14) Pentachlorophenol	16.963	266	148	0.022	ng/ul	94
15) Phenanthrene	17.351	178	1061798	10.740	ng/ul	99
16) Anthracene	17.440	178	161174	1.993	ng/ul	99
19) Fluoranthene	19.368	202	1516131	15.219	ng/ul	98
20) Pyrene	19.731	202	1376704	13.450	ng/ul	97
21) Benzo(a)anthracene	21.488	228	557237	6.712	ng/ul	99
22) Chrysene	21.541	228	606864	6.701	ng/ul	98
24) Benzo(b)fluoranthene	23.201	252	965509	9.609	ng/ul	95
26) Benzo(a)pyrene	23.835	252	456493	5.491	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.477	276	304897	3.183	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.487	278	72491	0.969	ng/ul	98
29) Benzo(g,h,i)perylene	27.262	276	255812	3.141	ng/ul	99

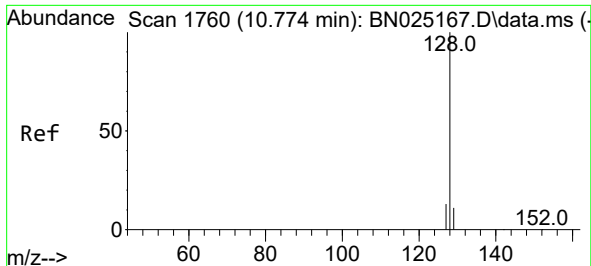
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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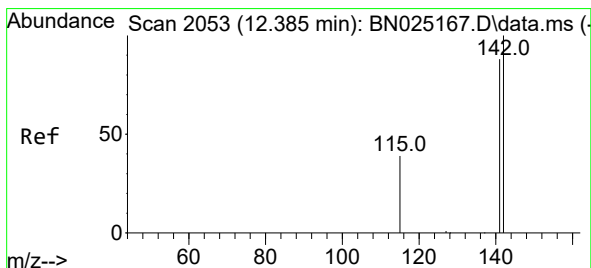
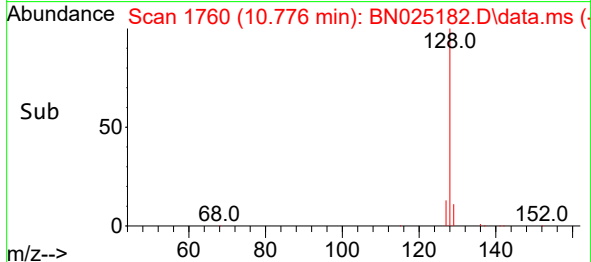
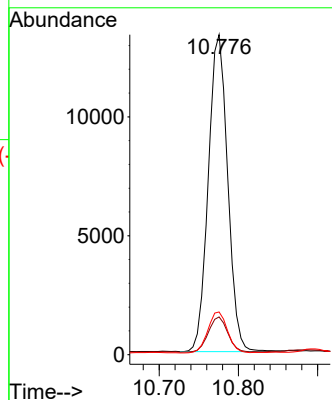
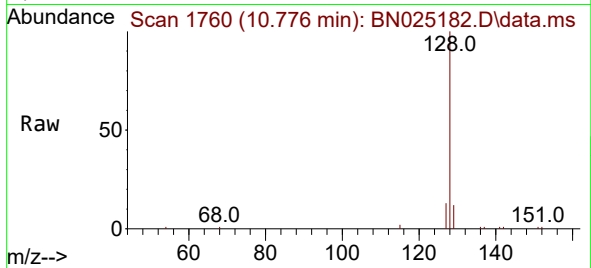




#5
Naphthalene
Concen: 0.314 ng/ul
RT: 10.776 min Scan# 1760
Delta R.T. 0.002 min
Lab File: BN025182.D
Acq: 27 Apr 2023 17:45

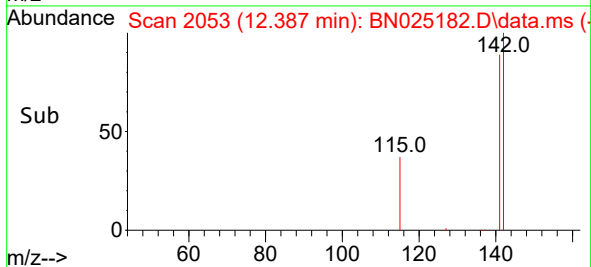
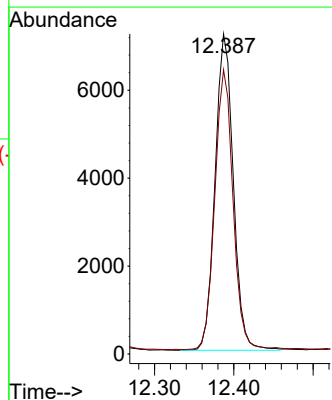
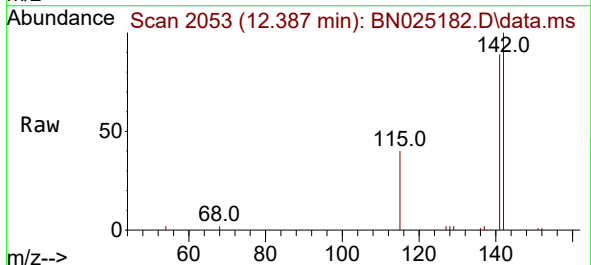
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

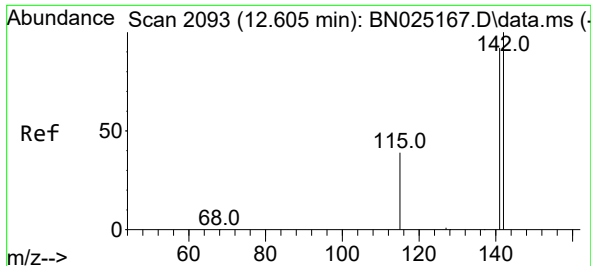
Tgt Ion:128 Resp: 22630
Ion Ratio Lower Upper
128 100
129 11.8 9.0 13.6
127 13.3 10.7 16.1



#7
2-Methylnaphthalene
Concen: 0.261 ng/ul
RT: 12.387 min Scan# 2053
Delta R.T. 0.002 min
Lab File: BN025182.D
Acq: 27 Apr 2023 17:45

Tgt Ion:142 Resp: 11505
Ion Ratio Lower Upper
142 100
141 88.6 71.4 107.0

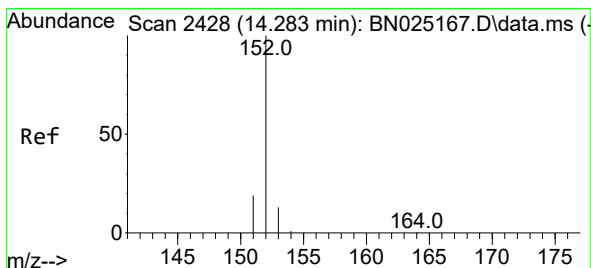
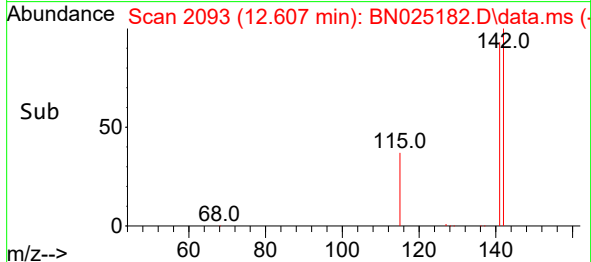
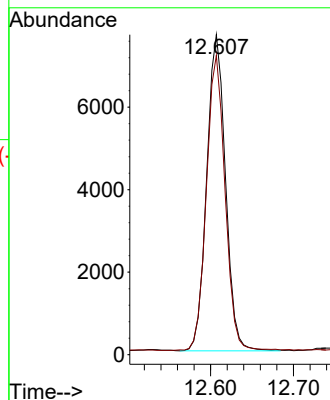
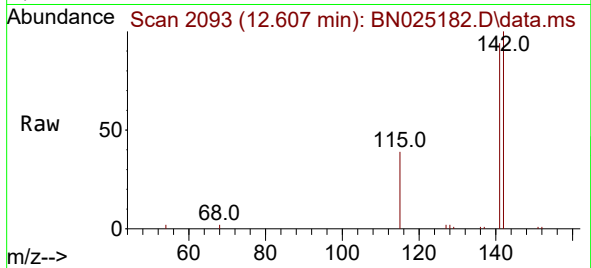




#8
1-Methylnaphthalene
Concen: 0.257 ng/ul
RT: 12.607 min Scan# 2093
Delta R.T. 0.002 min
Lab File: BN025182.D
Acq: 27 Apr 2023 17:45

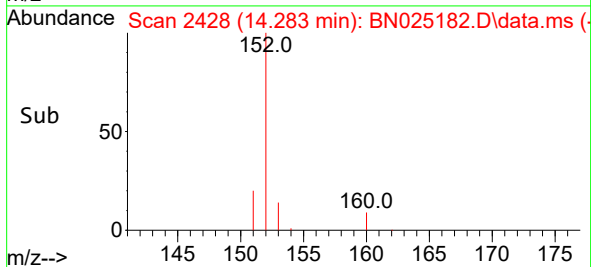
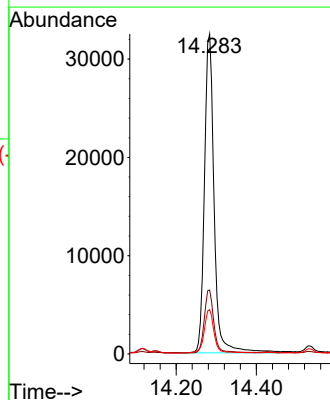
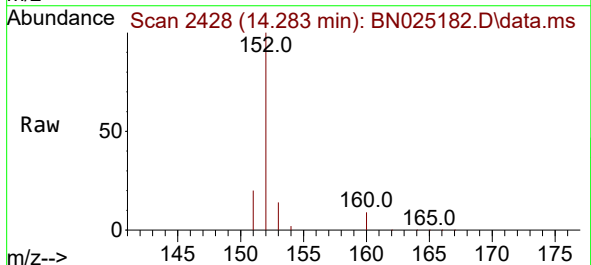
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

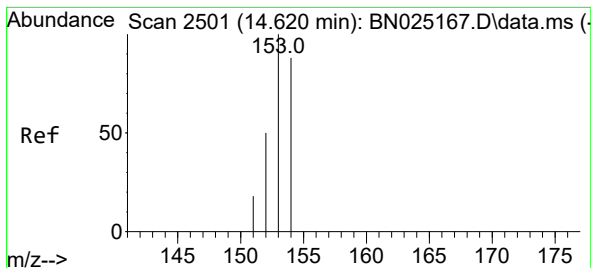
Tgt Ion:142 Resp: 12067
Ion Ratio Lower Upper
142 100
141 92.7 73.8 110.6



#10
Acenaphthylene
Concen: 0.880 ng/ul
RT: 14.283 min Scan# 2428
Delta R.T. 0.001 min
Lab File: BN025182.D
Acq: 27 Apr 2023 17:45

Tgt Ion:152 Resp: 54353
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 13.9 10.8 16.2





#11

Acenaphthene

Concen: 0.675 ng/ul

RT: 14.621 min Scan# 2501

Delta R.T. 0.001 min

Lab File: BN025182.D

Acq: 27 Apr 2023 17:45

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

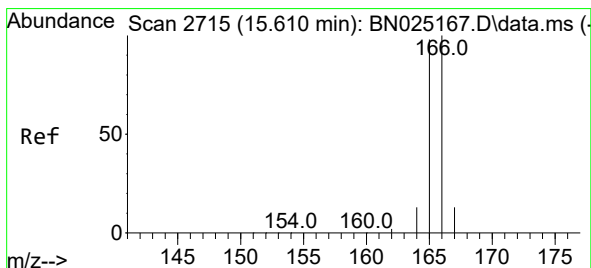
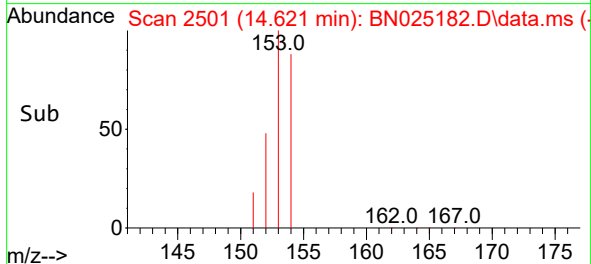
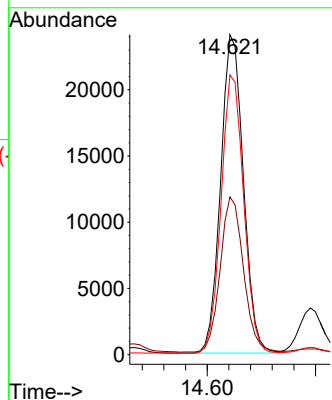
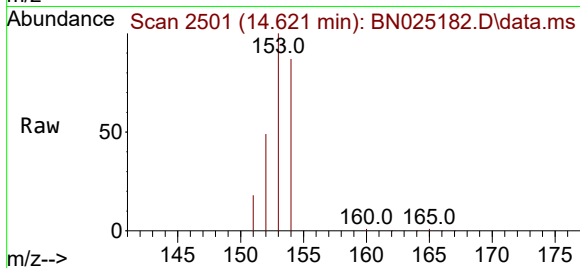
Tgt Ion:153 Resp: 35159

Ion Ratio Lower Upper

153 100

152 49.3 40.2 60.4

154 87.5 69.4 104.2



#12

Fluorene

Concen: 0.901 ng/ul

RT: 15.611 min Scan# 2715

Delta R.T. 0.001 min

Lab File: BN025182.D

Acq: 27 Apr 2023 17:45

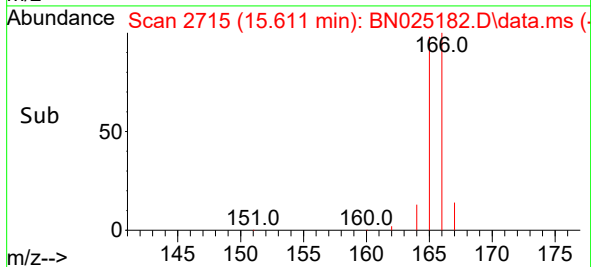
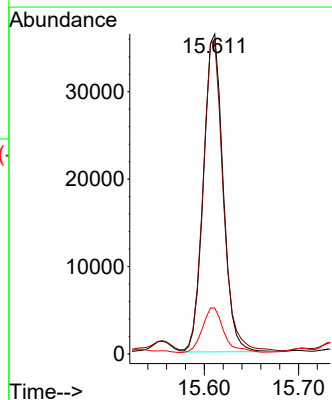
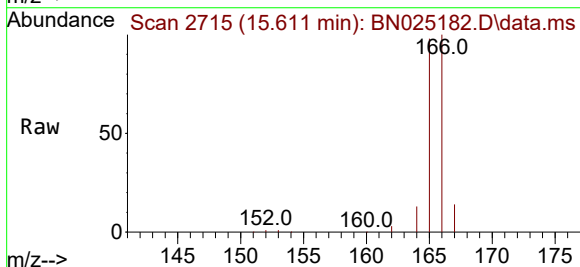
Tgt Ion:166 Resp: 52473

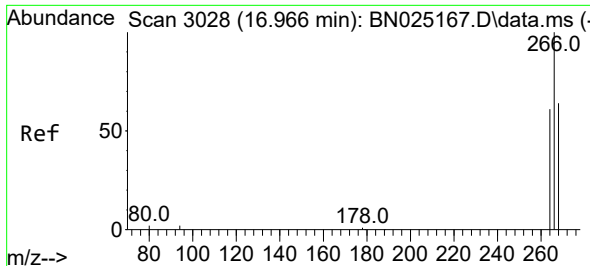
Ion Ratio Lower Upper

166 100

165 98.0 78.1 117.1

167 14.3 11.0 16.6

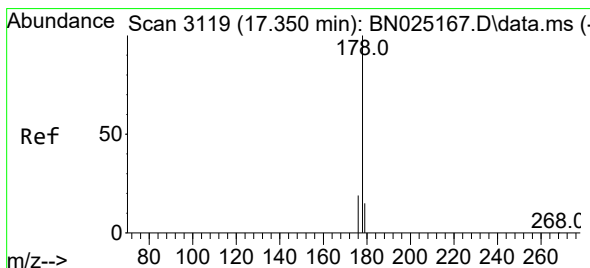
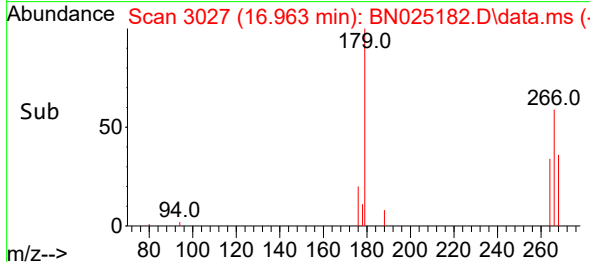
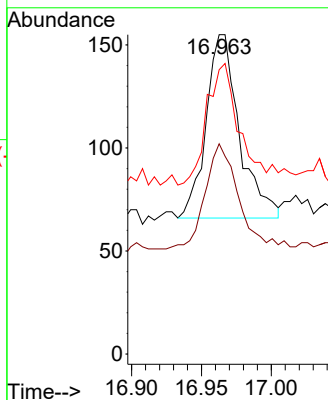
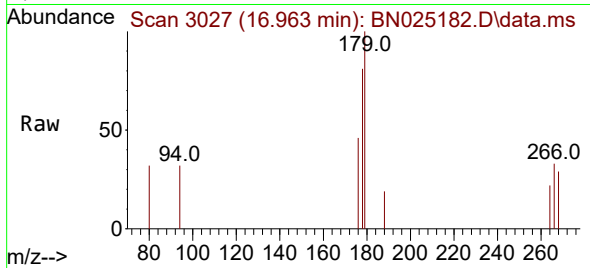




#14
 Pentachlorophenol
 Concen: 0.022 ng/ul
 RT: 16.963 min Scan# 3027
 Delta R.T. -0.004 min
 Lab File: BN025182.D
 Acq: 27 Apr 2023 17:45

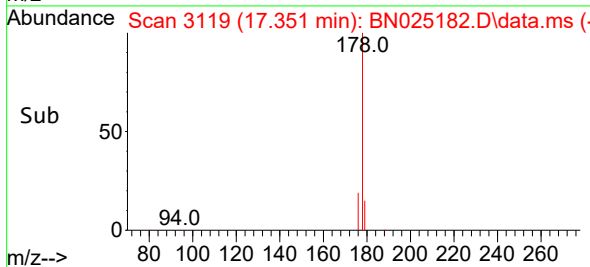
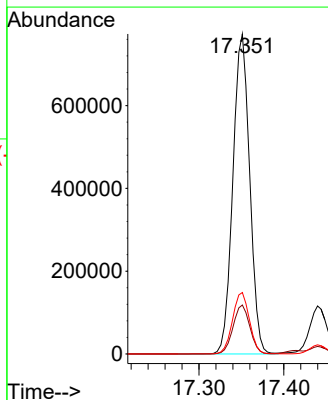
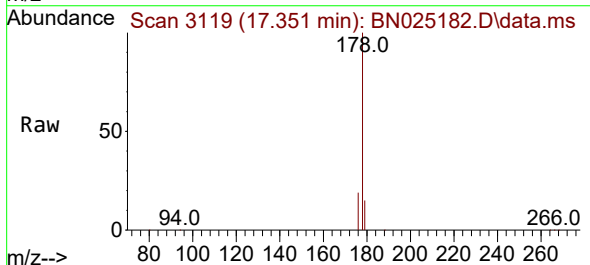
Instrument :
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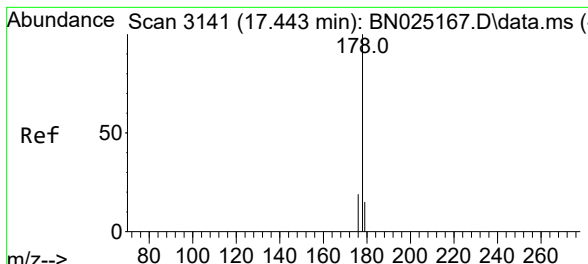
Tgt Ion:	266	Resp:	148
Ion Ratio	Lower	Upper	
266	100		
264	57.4	49.6	74.4
268	69.6	51.3	76.9



#15
 Phenanthrene
 Concen: 10.740 ng/ul
 RT: 17.351 min Scan# 3119
 Delta R.T. 0.001 min
 Lab File: BN025182.D
 Acq: 27 Apr 2023 17:45

Tgt Ion:	178	Resp:	1061798
Ion Ratio	Lower	Upper	
178	100		
179	15.3	12.5	18.7
176	19.2	15.6	23.4

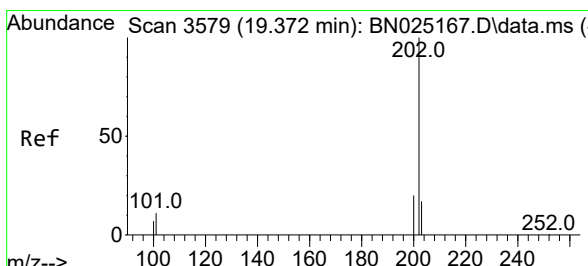
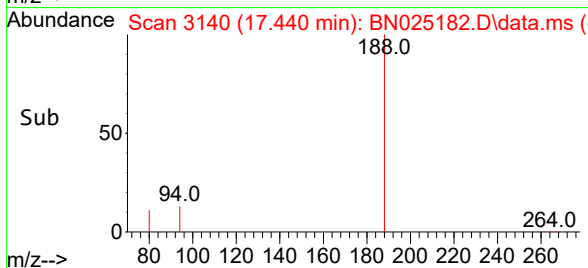
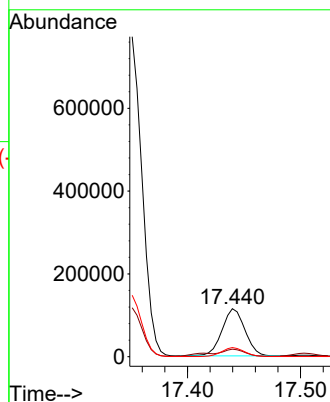
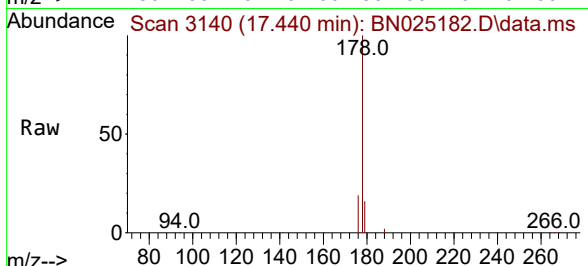




#16
 Anthracene
 Concen: 1.993 ng/ul
 RT: 17.440 min Scan# 3140
 Delta R.T. -0.004 min
 Lab File: BN025182.D
 Acq: 27 Apr 2023 17:45

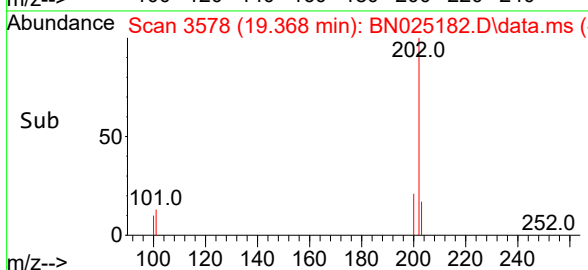
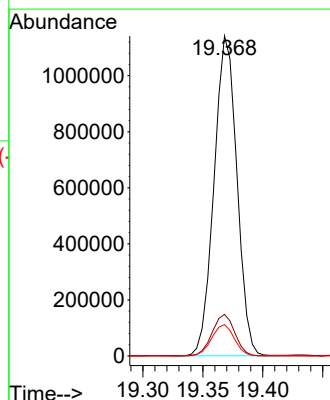
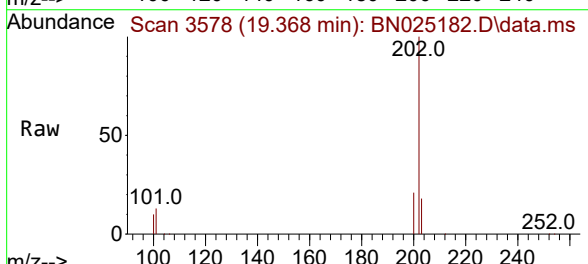
Instrument :
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 SSTDCCC0.4

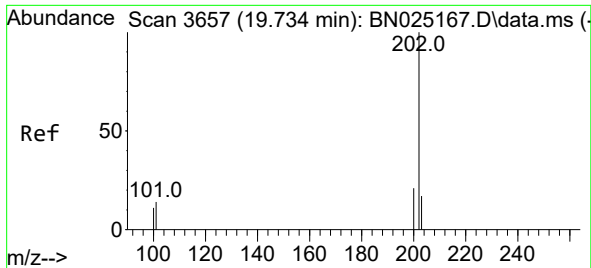
Tgt Ion:178 Resp: 161174
 Ion Ratio Lower Upper
 178 100
 179 15.6 12.7 19.1
 176 18.9 15.3 22.9



#19
 Fluoranthene
 Concen: 15.219 ng/ul
 RT: 19.368 min Scan# 3578
 Delta R.T. -0.004 min
 Lab File: BN025182.D
 Acq: 27 Apr 2023 17:45

Tgt Ion:202 Resp: 1516131
 Ion Ratio Lower Upper
 202 100
 101 13.0 9.7 14.5
 100 9.8 7.3 10.9

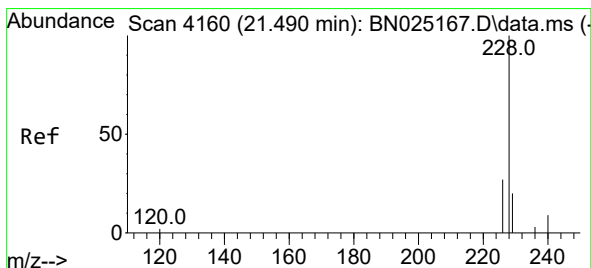
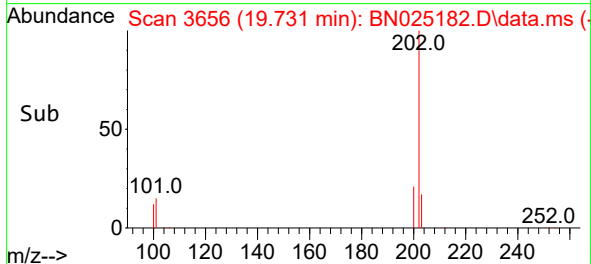
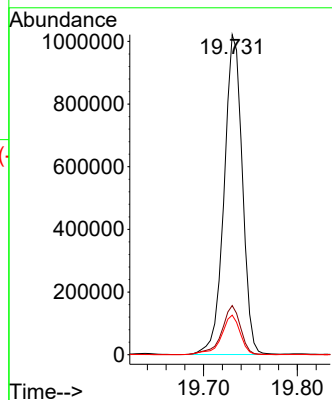
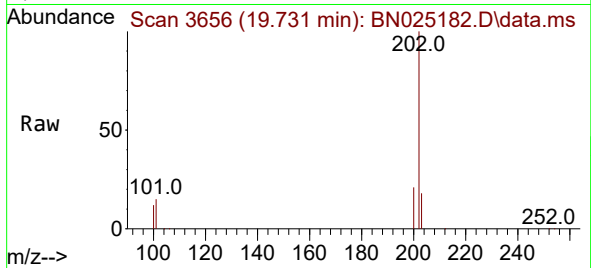




#20
Pyrene
Concen: 13.450 ng/ul
RT: 19.731 min Scan# 3656
Delta R.T. -0.004 min
Lab File: BN025182.D
Acq: 27 Apr 2023 17:45

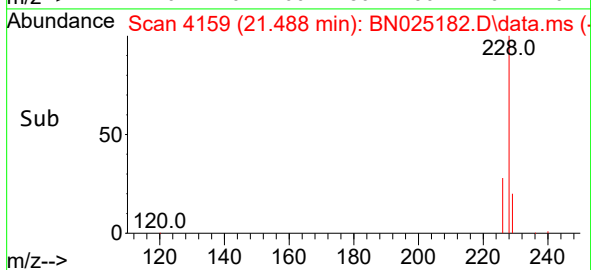
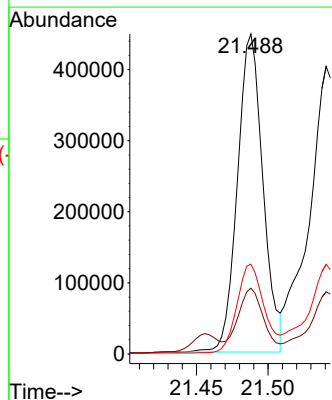
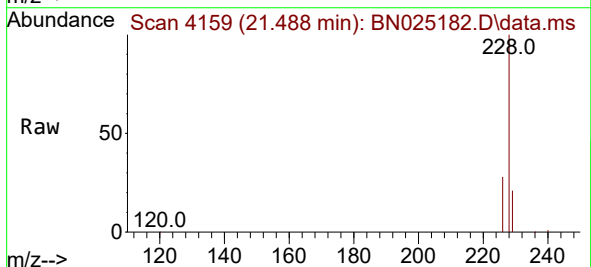
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ClientSampleId :
SSTDCCC0.4

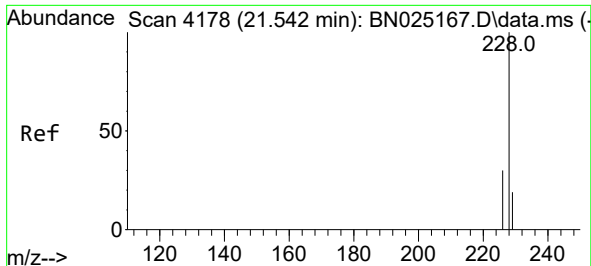
Tgt Ion:202 Resp: 1376704
Ion Ratio Lower Upper
202 100
101 15.3 11.3 16.9
100 12.3 9.2 13.8



#21
Benzo(a)anthracene
Concen: 6.712 ng/ul
RT: 21.488 min Scan# 4159
Delta R.T. -0.002 min
Lab File: BN025182.D
Acq: 27 Apr 2023 17:45

Tgt Ion:228 Resp: 557237
Ion Ratio Lower Upper
228 100
229 20.5 15.6 23.4
226 28.1 22.1 33.1





#22

Chrysene

Concen: 6.701 ng/ul

RT: 21.541 min Scan# 4178

Delta R.T. -0.002 min

Lab File: BN025182.D

Acq: 27 Apr 2023 17:45

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

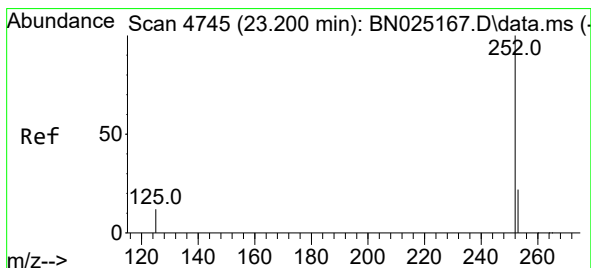
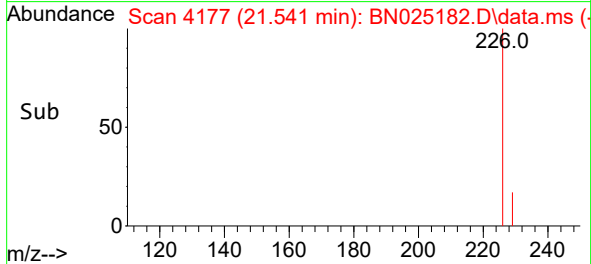
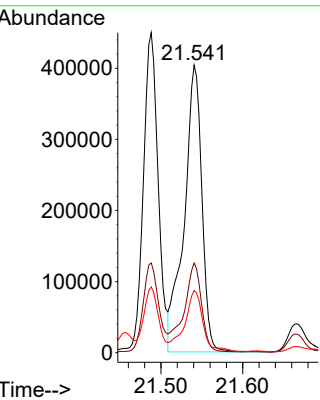
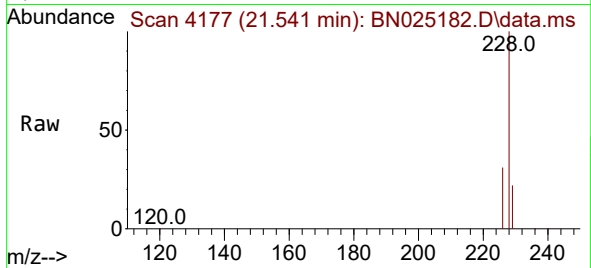
Tgt Ion:228 Resp: 606864

Ion Ratio Lower Upper

228 100

226 31.1 24.5 36.7

229 21.6 15.8 23.6



#24

Benzo(b)fluoranthene

Concen: 9.609 ng/ul

RT: 23.201 min Scan# 4745

Delta R.T. 0.001 min

Lab File: BN025182.D

Acq: 27 Apr 2023 17:45

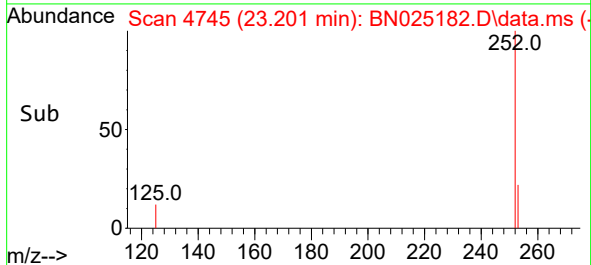
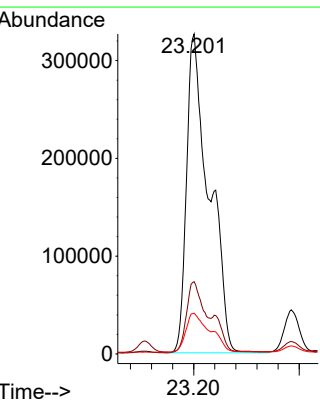
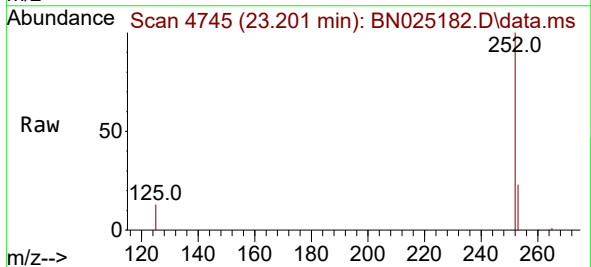
Tgt Ion:252 Resp: 965509

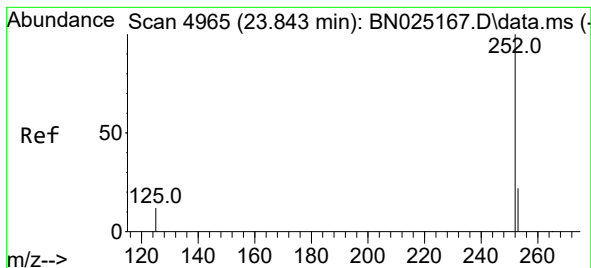
Ion Ratio Lower Upper

252 100

253 22.6 0.0 50.2

125 12.7 0.0 30.4





#26

Benzo(a)pyrene

Concen: 5.491 ng/ul

RT: 23.835 min Scan# 4965

Delta R.T. -0.008 min

Lab File: BN025182.D

Acq: 27 Apr 2023 17:45

Instrument :

BN025182.D

ClientSampleId :

SSTDCCC0.4

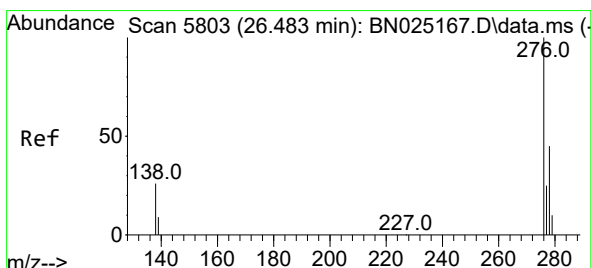
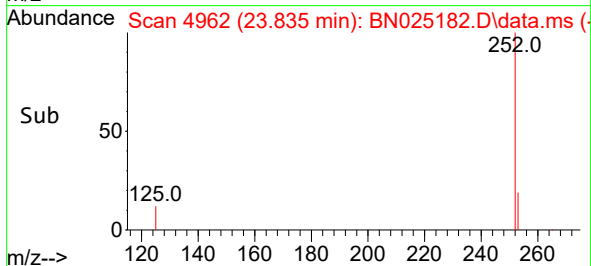
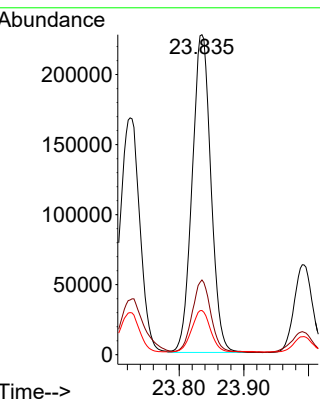
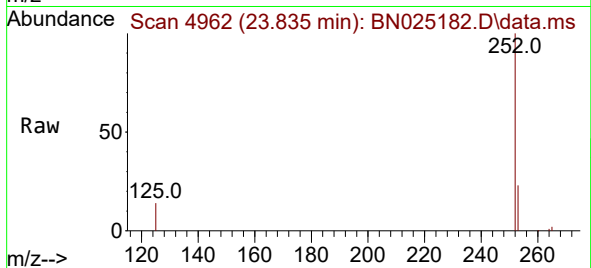
Tgt Ion:252 Resp: 456493

Ion Ratio Lower Upper

252 100

253 23.4 21.4 32.2

125 13.8 14.6 22.0#



#27

Indeno(1,2,3-cd)pyrene

Concen: 3.183 ng/ul

RT: 26.477 min Scan# 5801

Delta R.T. -0.006 min

Lab File: BN025182.D

Acq: 27 Apr 2023 17:45

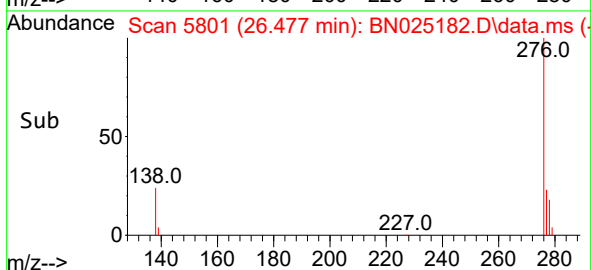
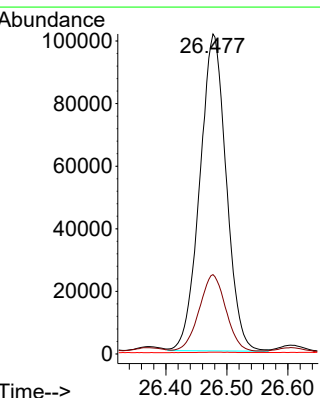
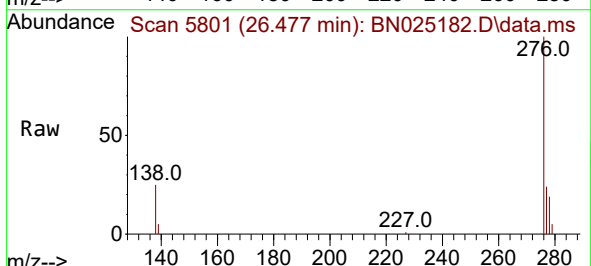
Tgt Ion:276 Resp: 304897

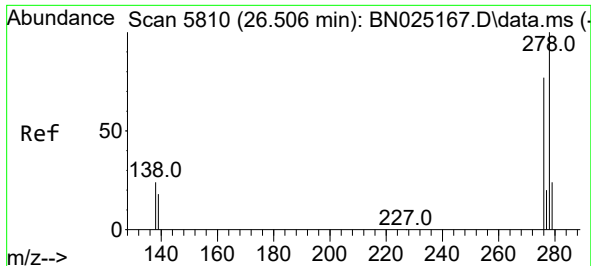
Ion Ratio Lower Upper

276 100

138 24.4 21.9 32.9

227 0.2 0.1 0.1#

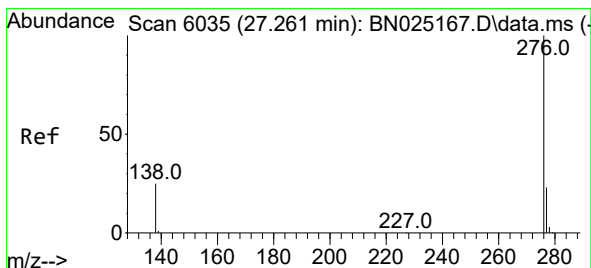
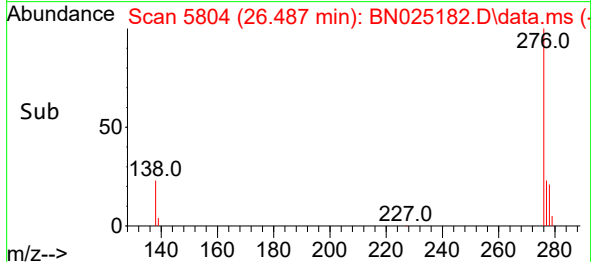
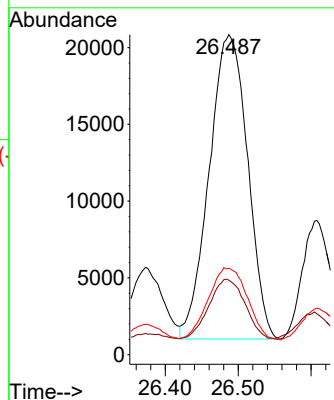
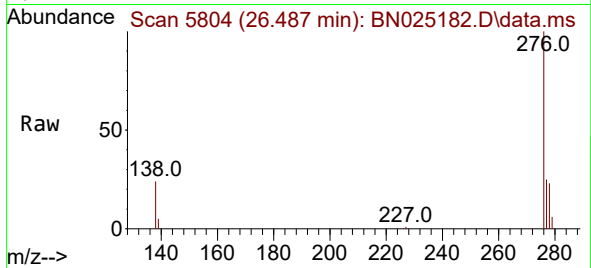




#28
Dibenzo(a,h)anthracene
Concen: 0.969 ng/ul
RT: 26.487 min Scan# 5810
Delta R.T. -0.019 min
Lab File: BN025182.D
Acq: 27 Apr 2023 17:45

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:278 Resp: 72491
Ion Ratio Lower Upper
278 100
139 23.3 17.0 25.6
279 27.0 21.8 32.8



#29
Benzo(g,h,i)perylene
Concen: 3.141 ng/ul
RT: 27.262 min Scan# 6035
Delta R.T. 0.001 min
Lab File: BN025182.D
Acq: 27 Apr 2023 17:45

Tgt Ion:276 Resp: 255812
Ion Ratio Lower Upper
276 100
138 25.8 20.3 30.5
277 24.2 19.8 29.6

