

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071223\
 Data File : BN026477.D
 Acq On : 12 Jul 2023 16:44
 Operator : MA/JU
 Sample : SSTD0.415
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4232

Quant Time: Jul 13 04:17:12 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 13 04:15:36 2023
 Response via : Initial Calibration

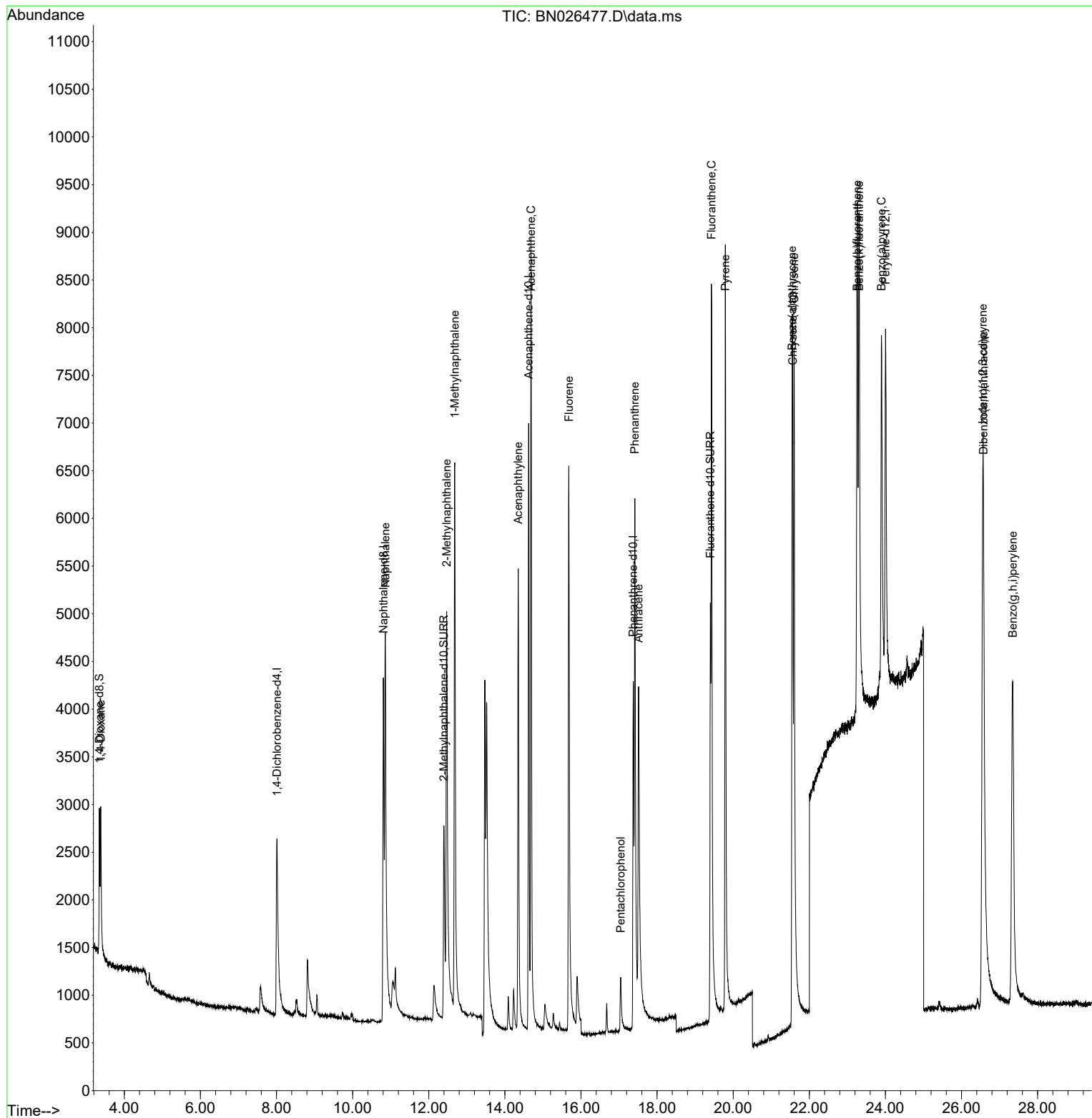
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.014	152	2230	0.400	ng/ul	0.00
4) Naphthalene-d8	10.809	136	7666	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.626	164	4231	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.372	188	6470	0.400	ng/ul	0.00
17) Chrysene-d12	21.564	240	5227	0.400	ng/ul	0.00
23) Perylene-d12	24.002	264	6251	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.343	96	1284	0.146	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.398	152	4089	0.395	ng/ul	0.00
18) Fluoranthene-d10	19.401	212	6783	0.383	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.381	88	1231	0.219	ng/ul	100
5) Naphthalene	10.858	128	8148	0.389	ng/ul	100
7) 2-Methylnaphthalene	12.469	142	4637	0.381	ng/ul	100
8) 1-Methylnaphthalene	12.684	142	5150	0.392	ng/ul	100
10) Acenaphthylene	14.353	152	7516	0.373	ng/ul	100
11) Acenaphthene	14.686	153	5866	0.387	ng/ul	100
12) Fluorene	15.680	166	5837	0.370	ng/ul	100
14) Pentachlorophenol	17.043	266	635	0.402	ng/ul	100
15) Phenanthrene	17.414	178	7666	0.378	ng/ul	100
16) Anthracene	17.516	178	6564	0.354	ng/ul	100
19) Fluoranthene	19.428	202	8904	0.386	ng/ul	100
20) Pyrene	19.796	202	9599	0.383	ng/ul	100
21) Benzo(a)anthracene	21.546	228	7135	0.382	ng/ul	100
22) Chrysene	21.602	228	8120	0.389	ng/ul	100
24) Benzo(b)fluoranthene	23.259	252	8849	0.372	ng/ul	100
25) Benzo(k)fluoranthene	23.309	252	9421	0.384	ng/ul	100
26) Benzo(a)pyrene	23.897	252	8020	0.383	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	26.557	276	11154	0.422	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.578	278	8460	0.411	ng/ul	100
29) Benzo(g,h,i)perylene	27.346	276	9972	0.421	ng/ul	100

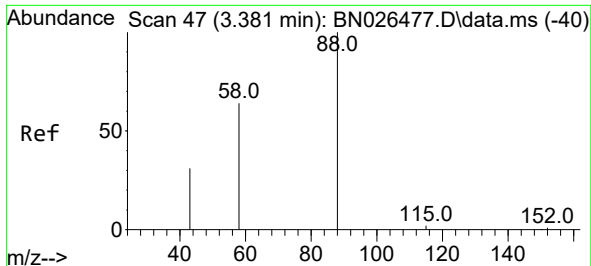
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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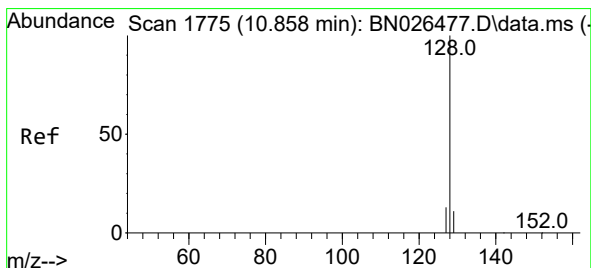
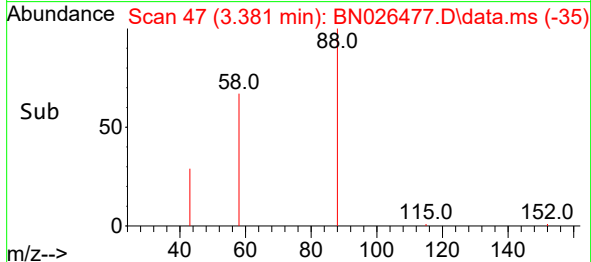
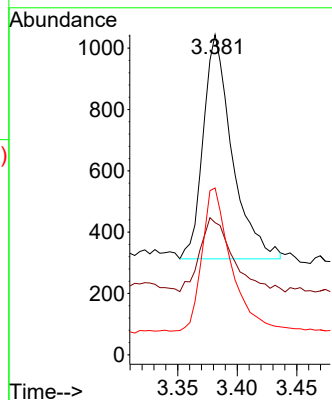
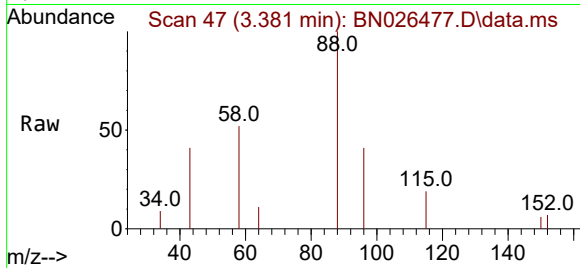




#2
1,4-Dioxane
Concen: 0.219 ng/ul
RT: 3.381 min Scan# 47
Delta R.T. 0.000 min
Lab File: BN026477.D
Acq: 12 Jul 2023 16:44

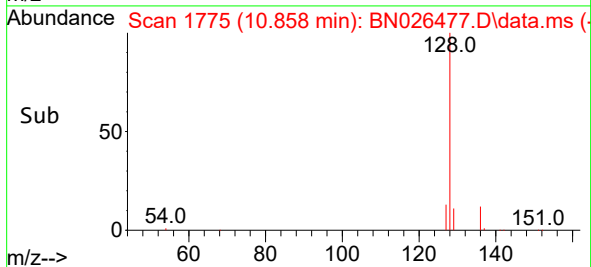
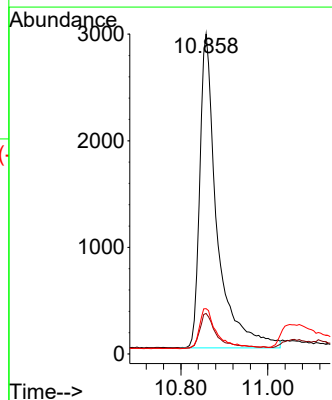
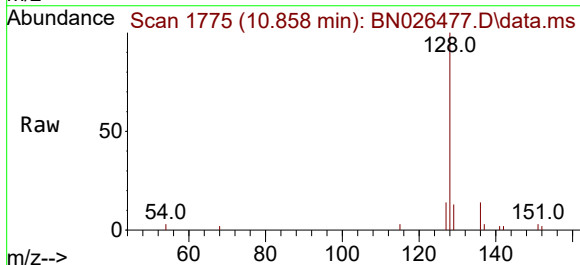
Instrument :
BNA_N
ClientSampleId :
SSTD0.4232

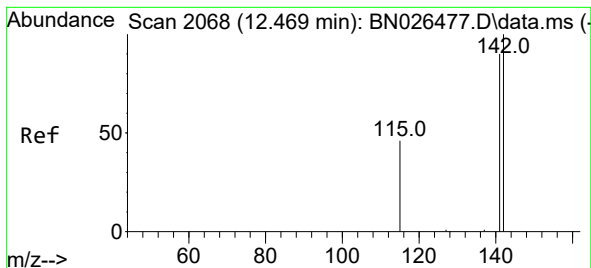
Tgt Ion: 88 Resp: 1231
Ion Ratio Lower Upper
88 100
43 41.3 33.0 49.6
58 52.1 41.7 62.5



#5
Naphthalene
Concen: 0.389 ng/ul
RT: 10.858 min Scan# 1775
Delta R.T. 0.000 min
Lab File: BN026477.D
Acq: 12 Jul 2023 16:44

Tgt Ion: 128 Resp: 8148
Ion Ratio Lower Upper
128 100
129 12.7 10.2 15.2
127 14.2 11.4 17.0

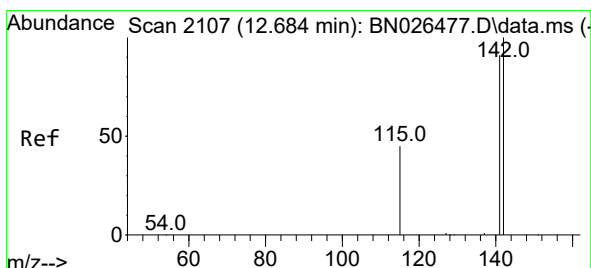
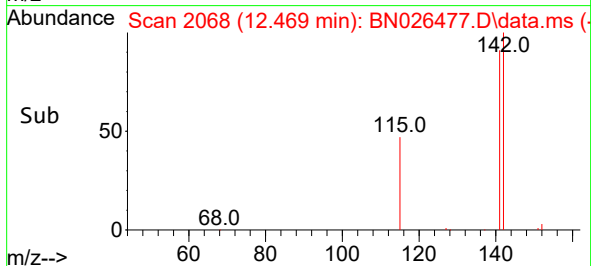
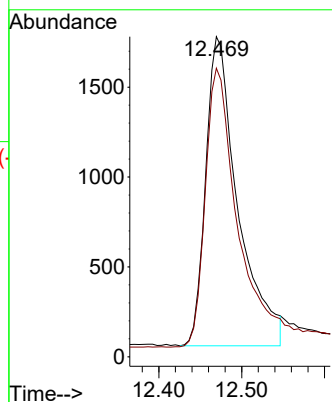
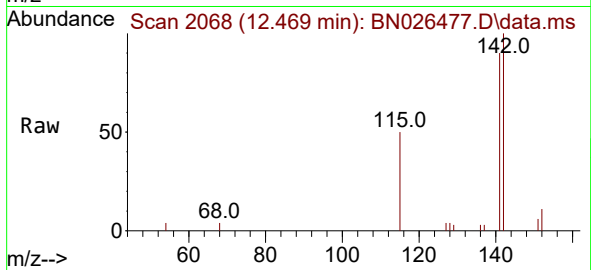




#7
2-Methylnaphthalene
Concen: 0.381 ng/ul
RT: 12.469 min Scan# 2068
Delta R.T. 0.000 min
Lab File: BN026477.D
Acq: 12 Jul 2023 16:44

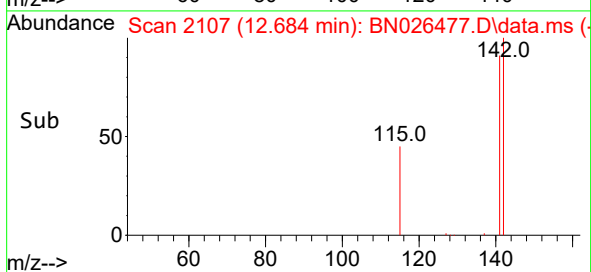
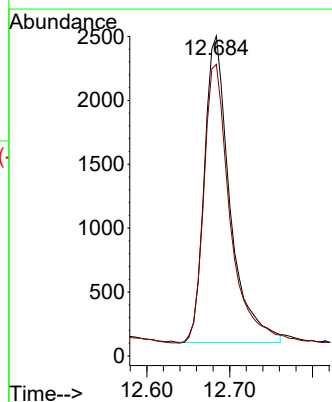
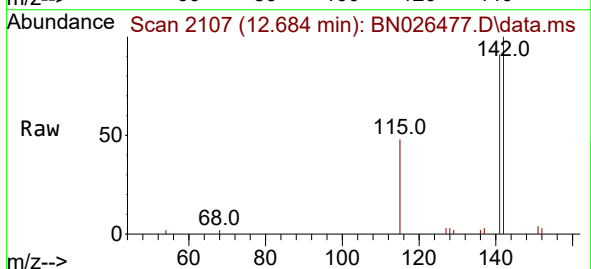
Instrument :
BNA_N
ClientSampleId :
SSTD0.4232

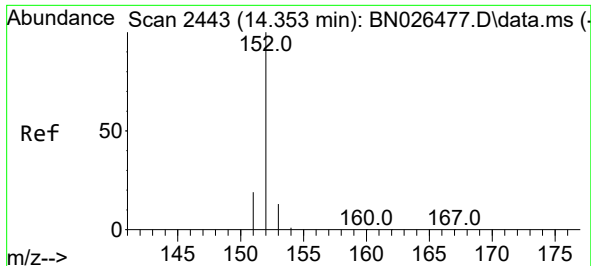
Tgt Ion:142 Resp: 4637
Ion Ratio Lower Upper
142 100
141 90.4 72.3 108.5



#8
1-Methylnaphthalene
Concen: 0.392 ng/ul
RT: 12.684 min Scan# 2107
Delta R.T. 0.000 min
Lab File: BN026477.D
Acq: 12 Jul 2023 16:44

Tgt Ion:142 Resp: 5150
Ion Ratio Lower Upper
142 100
141 93.1 74.5 111.7

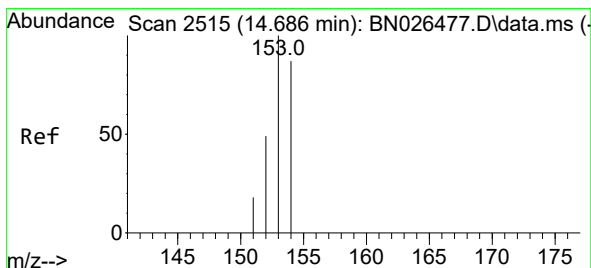
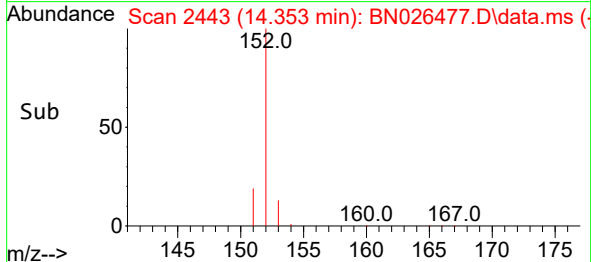
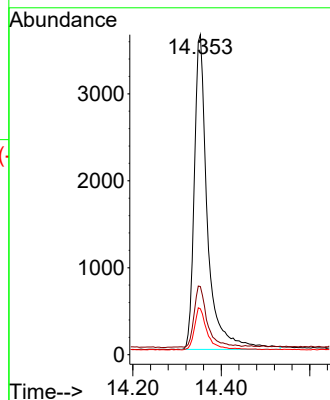
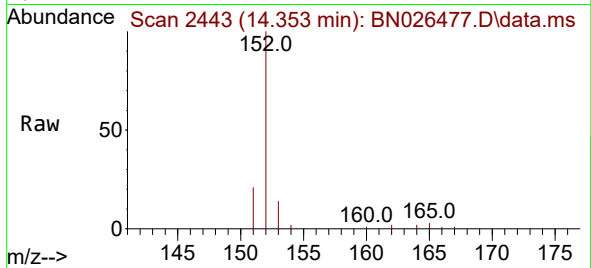




#10
Acenaphthylene
Concen: 0.373 ng/ul
RT: 14.353 min Scan# 2443
Delta R.T. 0.000 min
Lab File: BN026477.D
Acq: 12 Jul 2023 16:44

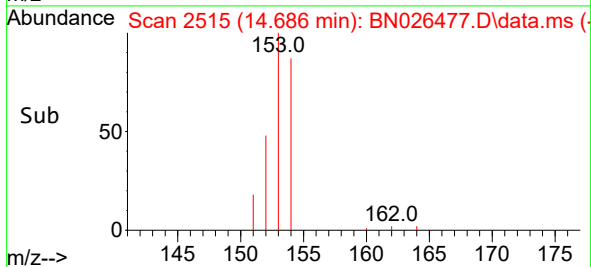
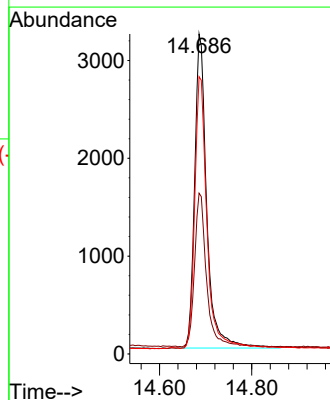
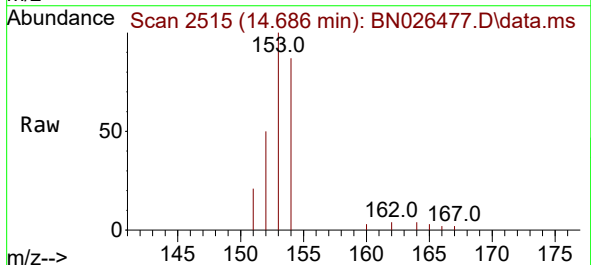
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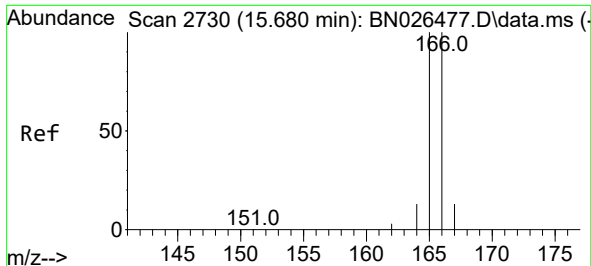
Tgt Ion:152 Resp: 7516
Ion Ratio Lower Upper
152 100
151 21.3 17.0 25.6
153 14.3 11.4 17.2



#11
Acenaphthene
Concen: 0.387 ng/ul
RT: 14.686 min Scan# 2515
Delta R.T. 0.000 min
Lab File: BN026477.D
Acq: 12 Jul 2023 16:44

Tgt Ion:153 Resp: 5866
Ion Ratio Lower Upper
153 100
152 50.3 40.2 60.4
154 86.6 69.3 103.9

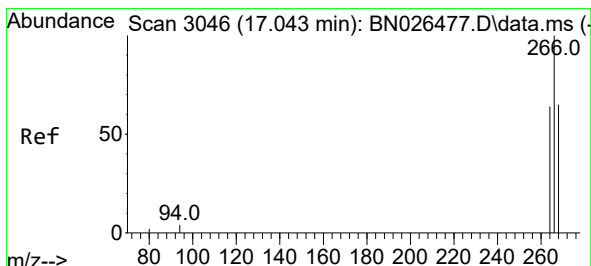
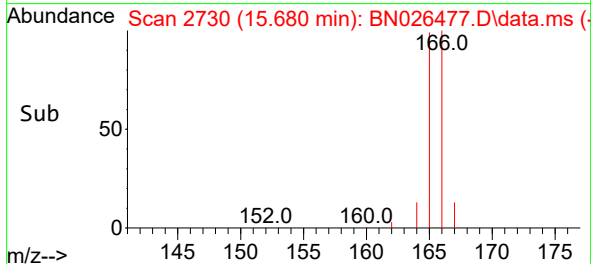
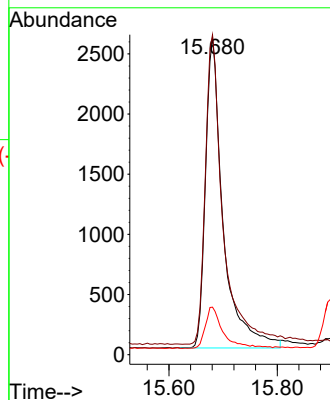
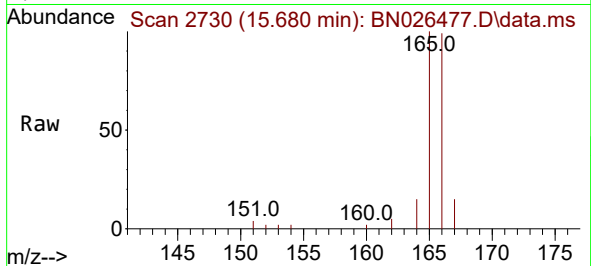




#12
Fluorene
Concen: 0.370 ng/ul
RT: 15.680 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN026477.D
Acq: 12 Jul 2023 16:44

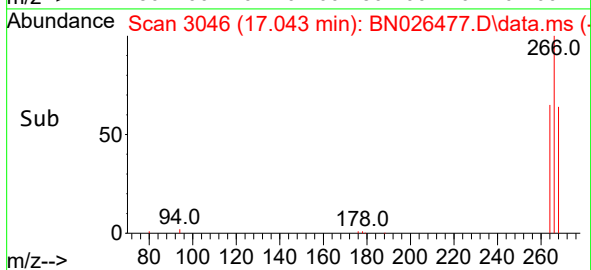
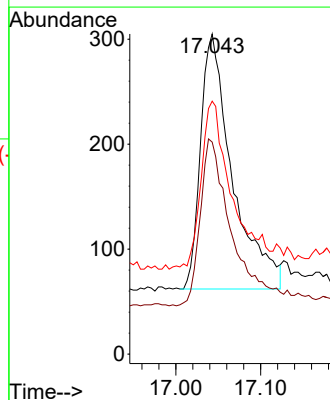
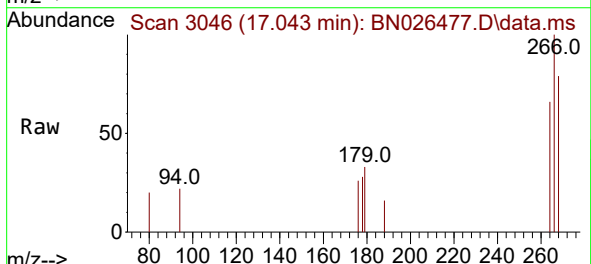
Instrument :
BNA_N
ClientSampleId :
SSTD0.4232

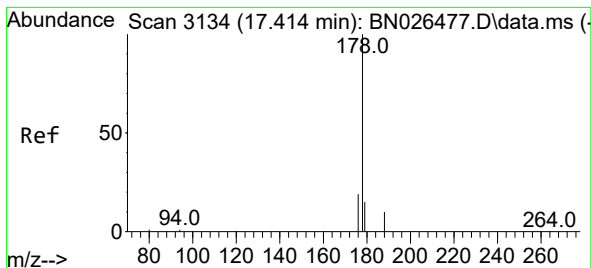
Tgt Ion:166 Resp: 5837
Ion Ratio Lower Upper
166 100
165 100.7 80.6 120.8
167 15.0 12.0 18.0



#14
Pentachlorophenol
Concen: 0.402 ng/ul
RT: 17.043 min Scan# 3046
Delta R.T. 0.000 min
Lab File: BN026477.D
Acq: 12 Jul 2023 16:44

Tgt Ion:266 Resp: 635
Ion Ratio Lower Upper
266 100
264 65.0 52.0 78.0
268 66.3 53.0 79.6





#15

Phenanthrene

Concen: 0.378 ng/ul

RT: 17.414 min Scan# 3134

Delta R.T. 0.000 min

Lab File: BN026477.D

Acq: 12 Jul 2023 16:44

Instrument :

BNA_N

ClientSampleId :

SSTD0.4232

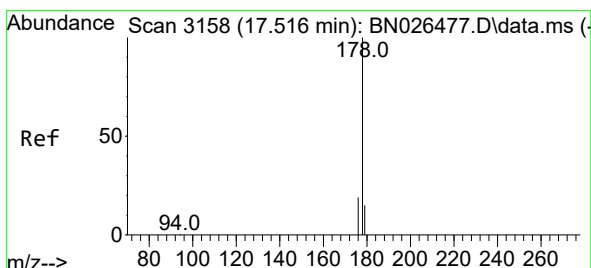
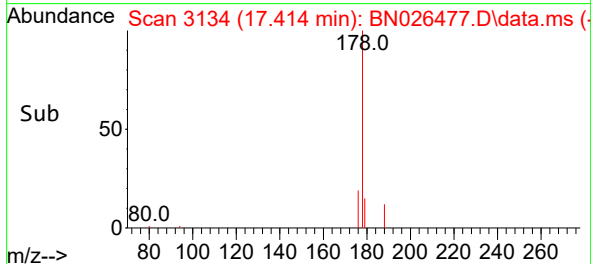
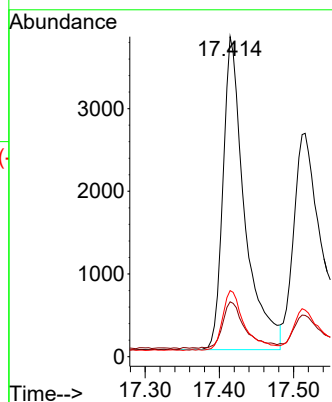
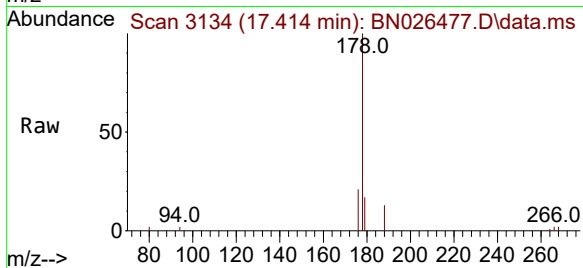
Tgt Ion:178 Resp: 7666

Ion Ratio Lower Upper

178 100

179 17.1 13.7 20.5

176 20.6 16.5 24.7



#16

Anthracene

Concen: 0.354 ng/ul

RT: 17.516 min Scan# 3158

Delta R.T. 0.000 min

Lab File: BN026477.D

Acq: 12 Jul 2023 16:44

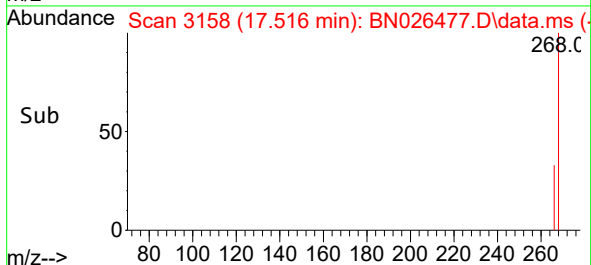
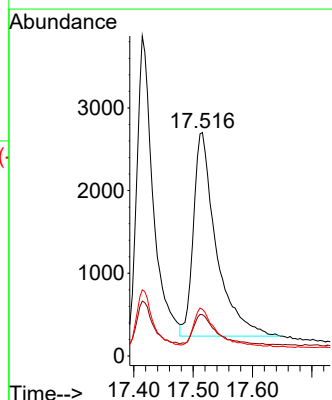
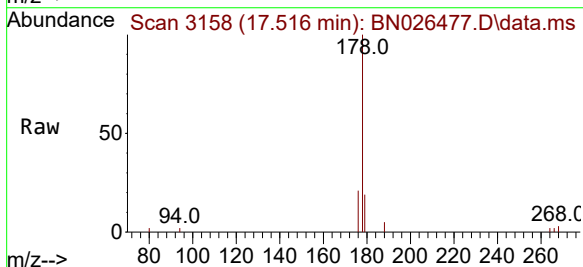
Tgt Ion:178 Resp: 6564

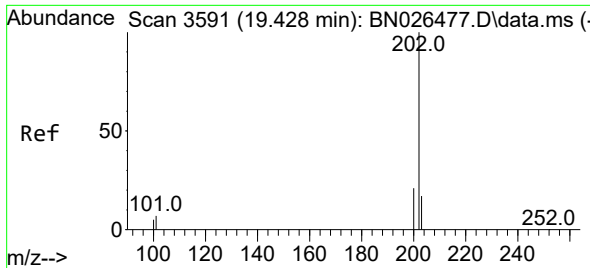
Ion Ratio Lower Upper

178 100

179 18.5 14.8 22.2

176 20.8 16.6 25.0

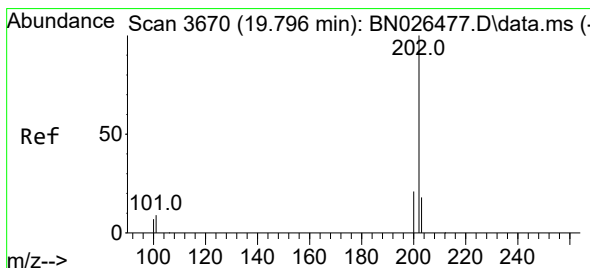
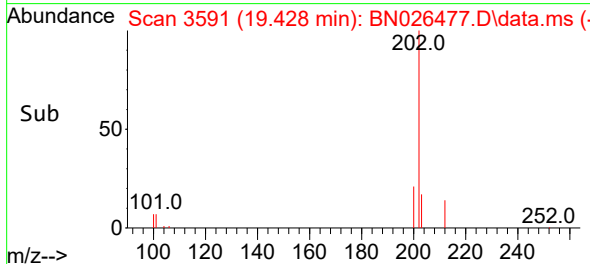
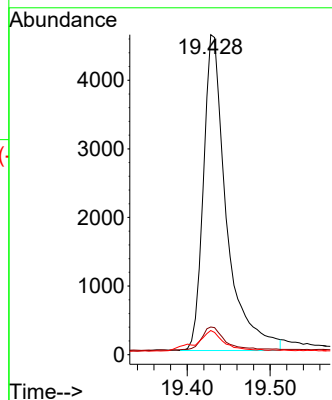
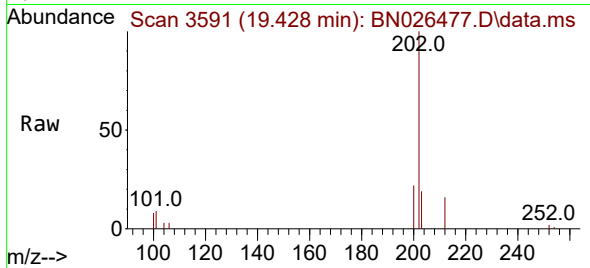




#19
Fluoranthene
Concen: 0.386 ng/ul
RT: 19.428 min Scan# 3591
Delta R.T. 0.000 min
Lab File: BN026477.D
Acq: 12 Jul 2023 16:44

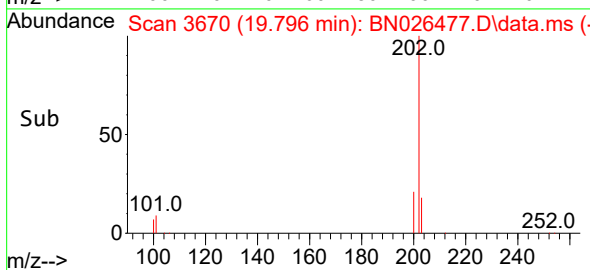
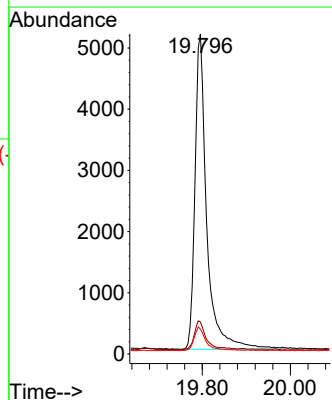
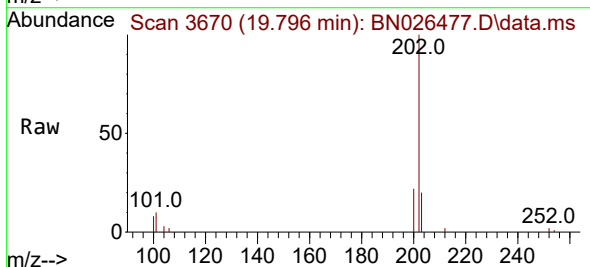
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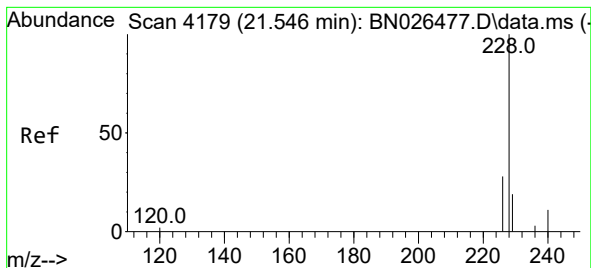
Tgt Ion:202 Resp: 8904
Ion Ratio Lower Upper
202 100
101 8.7 7.0 10.4
100 7.5 6.0 9.0



#20
Pyrene
Concen: 0.383 ng/ul
RT: 19.796 min Scan# 3670
Delta R.T. 0.000 min
Lab File: BN026477.D
Acq: 12 Jul 2023 16:44

Tgt Ion:202 Resp: 9599
Ion Ratio Lower Upper
202 100
101 10.0 8.0 12.0
100 7.7 6.2 9.2





#21

Benzo(a)anthracene

Concen: 0.382 ng/ul

RT: 21.546 min Scan# 4179

Delta R.T. 0.000 min

Lab File: BN026477.D

Acq: 12 Jul 2023 16:44

Instrument :

BNA_N

ClientSampleId :

SSTD0.4232

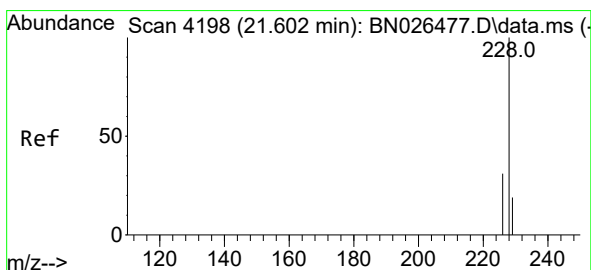
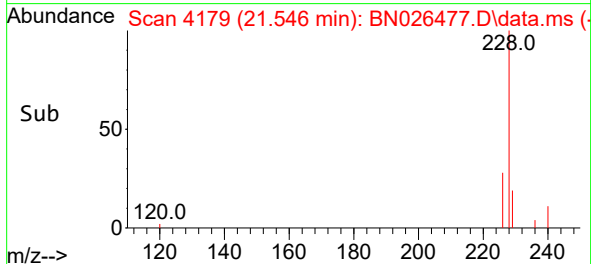
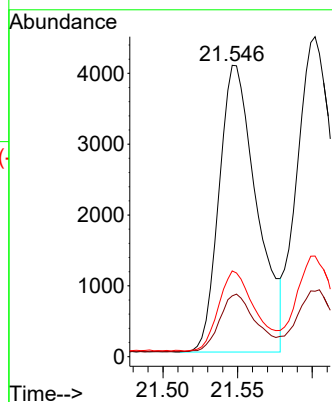
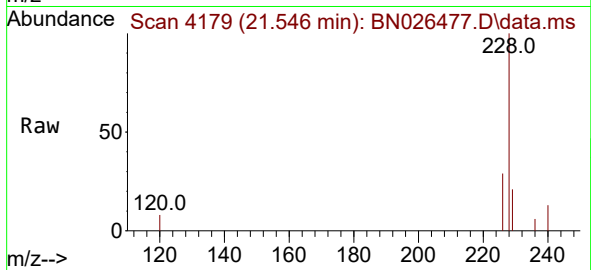
Tgt Ion:228 Resp: 7135

Ion Ratio Lower Upper

228 100

229 20.9 16.7 25.1

226 29.4 23.5 35.3



#22

Chrysene

Concen: 0.389 ng/ul

RT: 21.602 min Scan# 4198

Delta R.T. 0.000 min

Lab File: BN026477.D

Acq: 12 Jul 2023 16:44

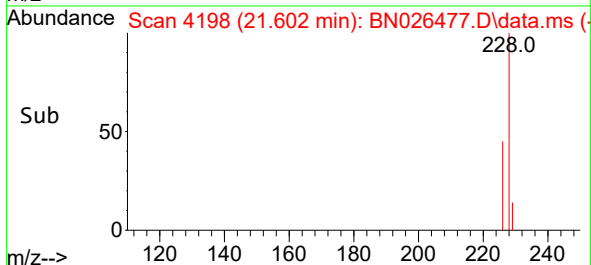
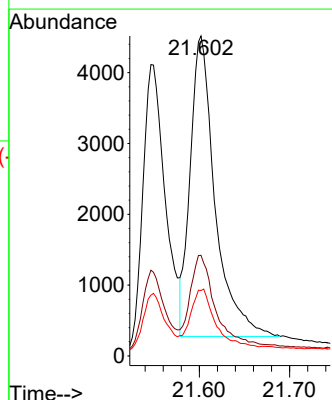
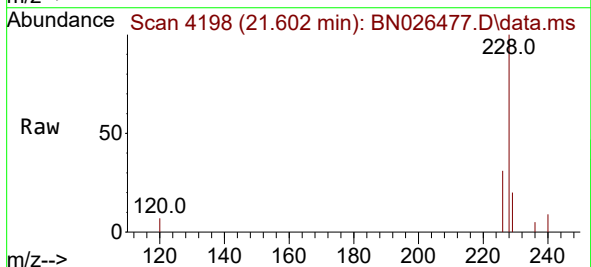
Tgt Ion:228 Resp: 8120

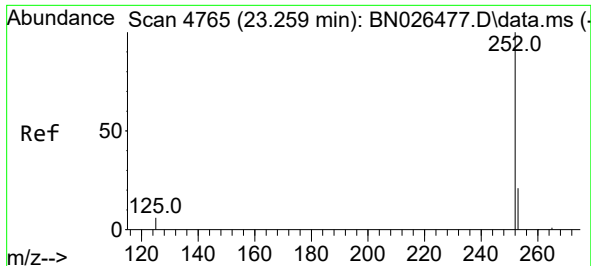
Ion Ratio Lower Upper

228 100

226 31.5 25.2 37.8

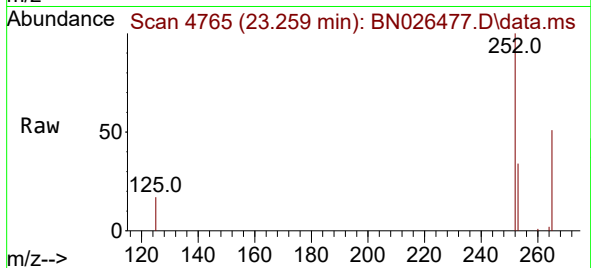
229 20.5 16.4 24.6



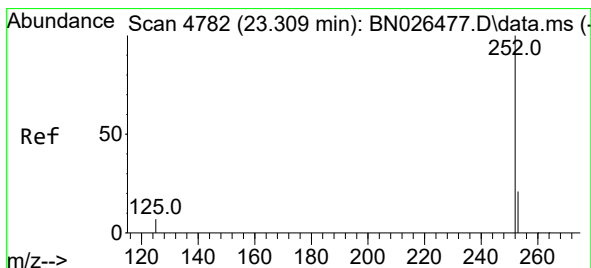
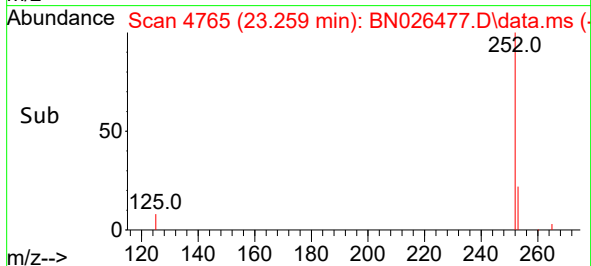
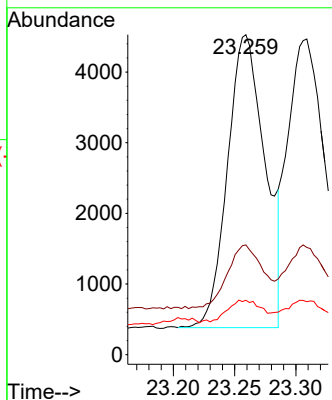


#24
Benzo(b)fluoranthene
Concen: 0.372 ng/ul
RT: 23.259 min Scan# 4765
Delta R.T. 0.000 min
Lab File: BN026477.D
Acq: 12 Jul 2023 16:44

Instrument :
BNA_N
ClientSampleId :
SSTD0.4232

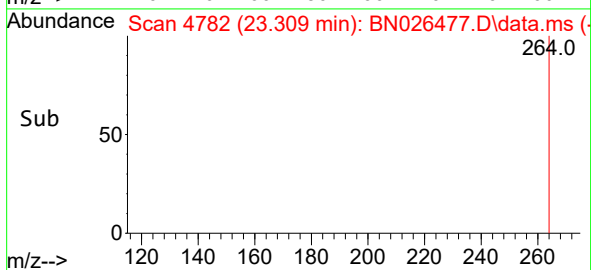
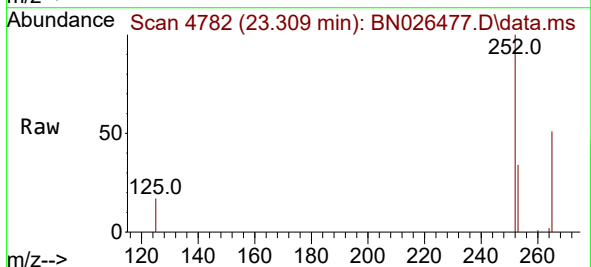
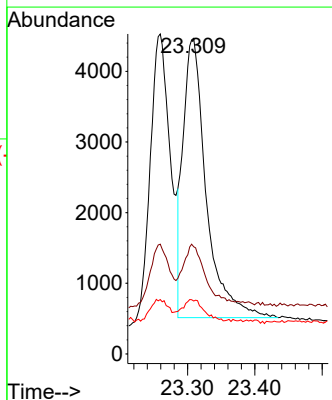


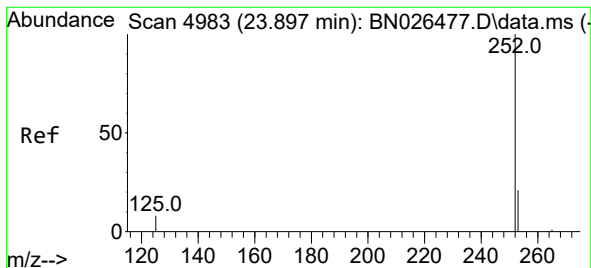
Tgt Ion:252 Resp: 8849
Ion Ratio Lower Upper
252 100
253 34.3 0.0 68.6
125 17.0 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.384 ng/ul
RT: 23.309 min Scan# 4782
Delta R.T. 0.000 min
Lab File: BN026477.D
Acq: 12 Jul 2023 16:44

Tgt Ion:252 Resp: 9421
Ion Ratio Lower Upper
252 100
253 34.0 27.2 40.8
125 16.8 13.4 20.2





#26

Benzo(a)pyrene

Concen: 0.383 ng/ul

RT: 23.897 min Scan# 4983

Delta R.T. 0.000 min

Lab File: BN026477.D

Acq: 12 Jul 2023 16:44

Instrument :

BNA_N

ClientSampleId :

SSTD0.4232

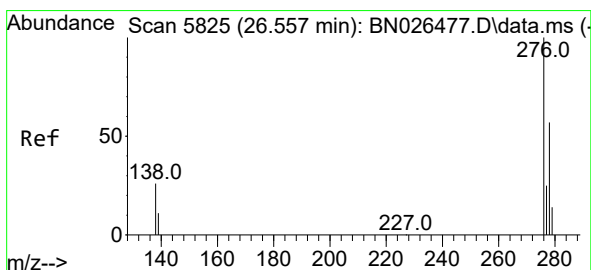
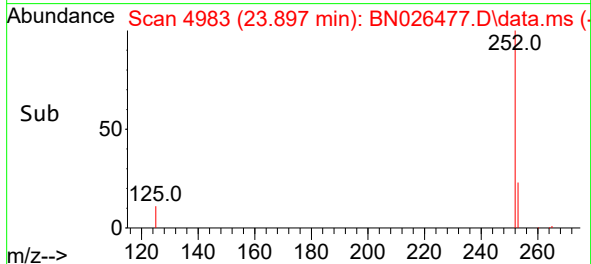
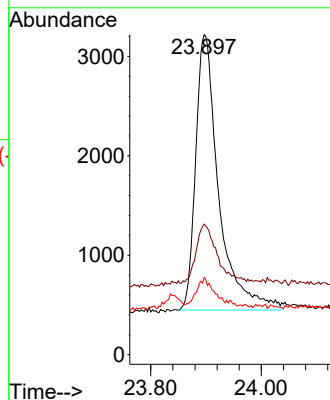
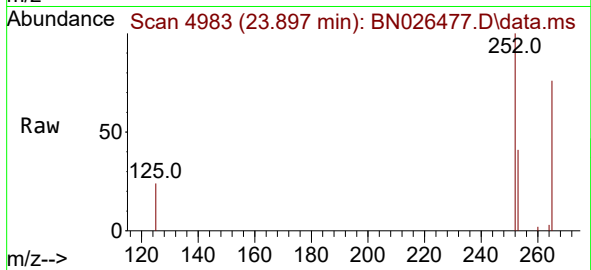
Tgt Ion:252 Resp: 8020

Ion Ratio Lower Upper

252 100

253 40.8 32.6 49.0

125 24.1 19.3 28.9



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.422 ng/ul

RT: 26.557 min Scan# 5825

Delta R.T. 0.000 min

Lab File: BN026477.D

Acq: 12 Jul 2023 16:44

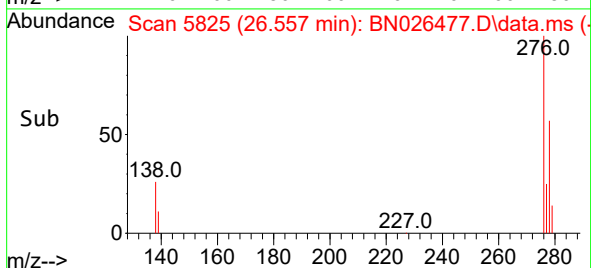
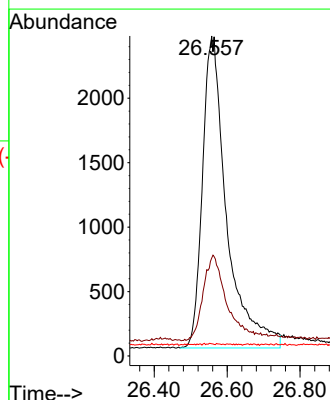
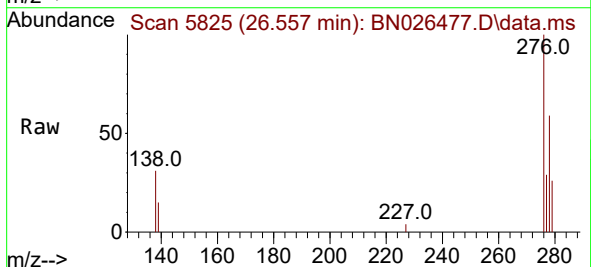
Tgt Ion:276 Resp: 11154

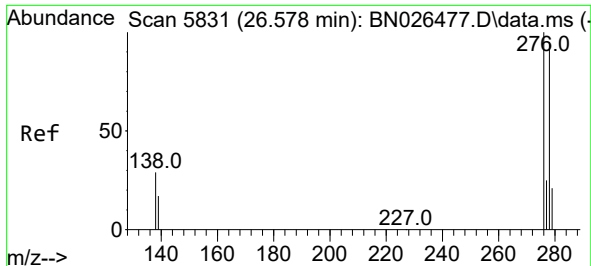
Ion Ratio Lower Upper

276 100

138 27.8 22.2 33.4

227 0.1 0.1 0.1#

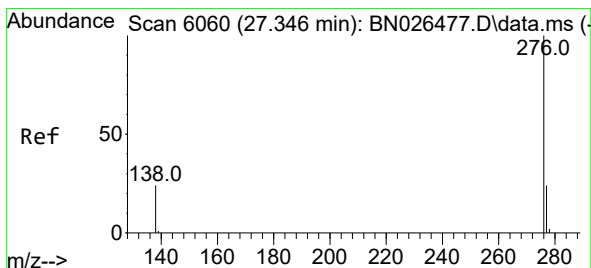
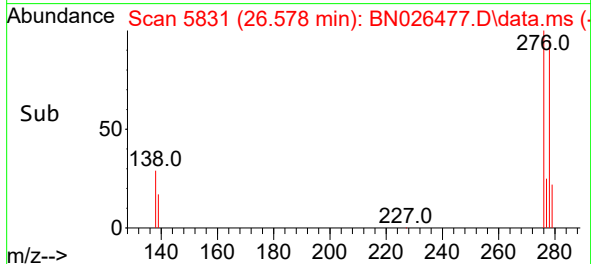
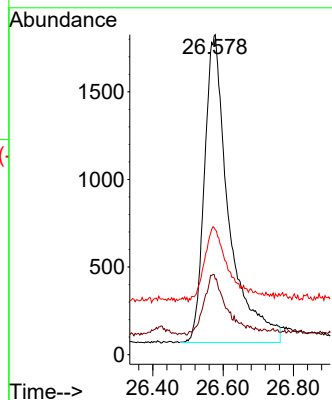
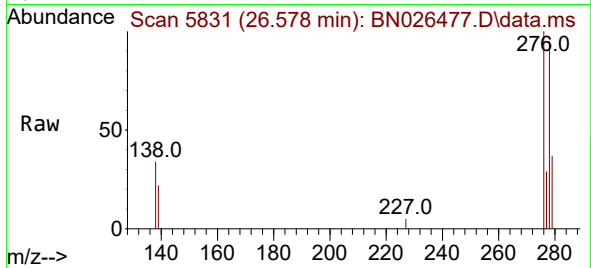




#28
Dibenzo(a,h)anthracene
Concen: 0.411 ng/ul
RT: 26.578 min Scan# 5831
Delta R.T. 0.000 min
Lab File: BN026477.D
Acq: 12 Jul 2023 16:44

Instrument :
BNA_N
ClientSampleId :
SSTD0.4232

Tgt Ion:278 Resp: 8460
Ion Ratio Lower Upper
278 100
139 23.6 18.9 28.3
279 39.1 31.3 46.9



#29
Benzo(g,h,i)perylene
Concen: 0.421 ng/ul
RT: 27.346 min Scan# 6060
Delta R.T. 0.000 min
Lab File: BN026477.D
Acq: 12 Jul 2023 16:44

Tgt Ion:276 Resp: 9972
Ion Ratio Lower Upper
276 100
138 28.3 22.6 34.0
277 27.3 21.8 32.8

