

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071223\
 Data File : BN026479.D
 Acq On : 12 Jul 2023 17:58
 Operator : MA/JU
 Sample : SSTD1.617
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD1.6234

Quant Time: Jul 13 04:17:34 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

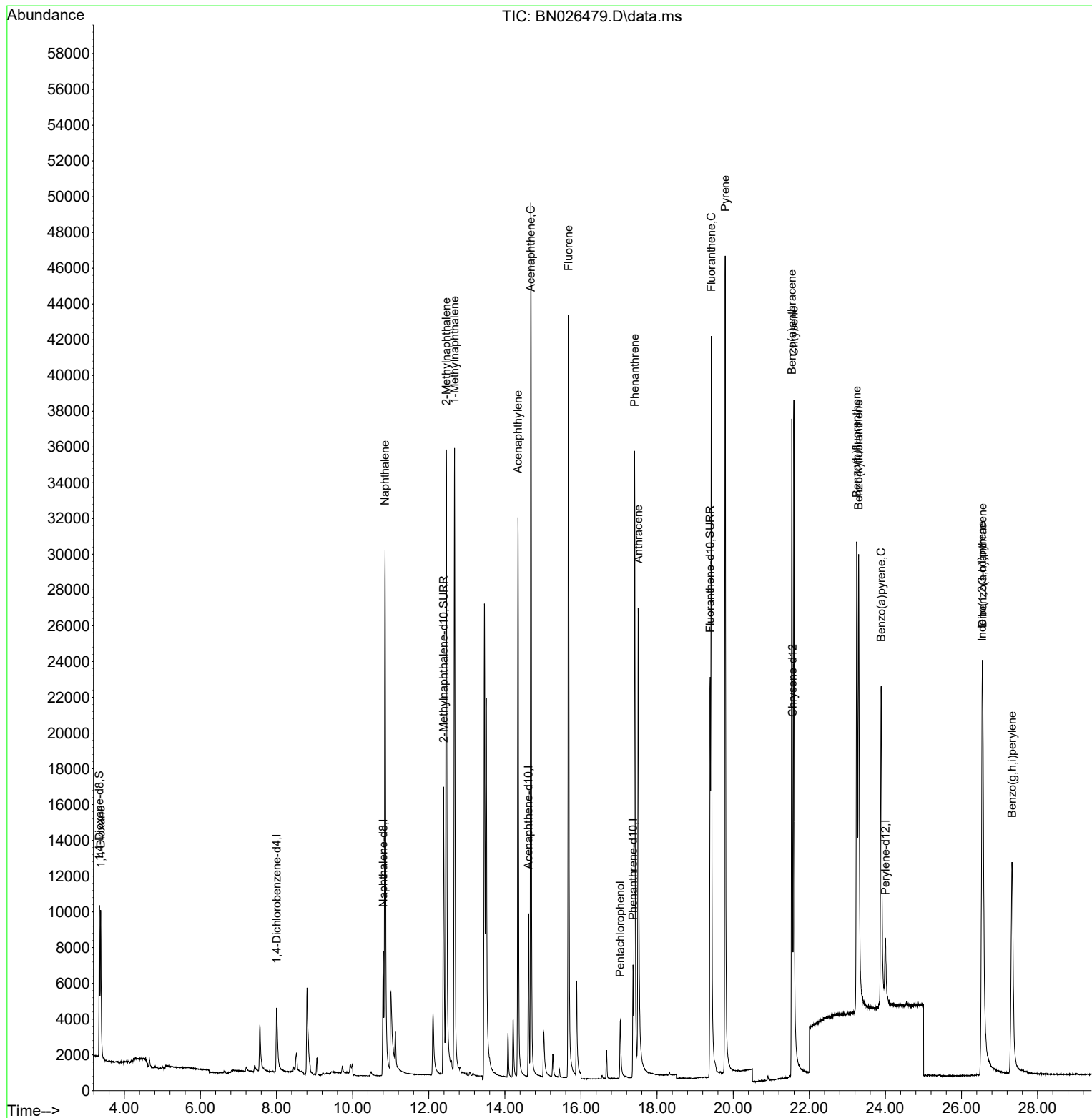
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.005	152	3422	0.400	ng/ul	0.00
4) Naphthalene-d8	10.803	136	11122	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.622	164	5375	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.369	188	8425	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.555	240	5775	0.400	ng/ul	0.00
23) Perylene-d12	24.002	264	6029	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.343	96	6211	0.462	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.387	152	24887	1.655	ng/ul	-0.01
18) Fluoranthene-d10	19.396	212	29824	1.523	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.381	88	6102	0.706	ng/ul	88
5) Naphthalene	10.853	128	49085	1.616	ng/ul	96
7) 2-Methylnaphthalene	12.458	142	29162	1.651	ng/ul	100
8) 1-Methylnaphthalene	12.678	142	27344	1.435	ng/ul	99
10) Acenaphthylene	14.344	152	41119	1.605	ng/ul	98
11) Acenaphthene	14.682	153	32620	1.694	ng/ul	99
12) Fluorene	15.672	166	32897	1.643	ng/ul	98
14) Pentachlorophenol	17.031	266	3133	1.525	ng/ul	98
15) Phenanthrene	17.411	178	43501	1.647	ng/ul	98
16) Anthracene	17.504	178	38622	1.601	ng/ul	96
19) Fluoranthene	19.424	202	41745	1.639	ng/ul	99
20) Pyrene	19.791	202	49095	1.773	ng/ul#	96
21) Benzo(a)anthracene	21.541	228	35638	1.725	ng/ul	97
22) Chrysene	21.593	228	39380	1.708	ng/ul	99
24) Benzo(b)fluoranthene	23.245	252	40131	1.748	ng/ul	85
25) Benzo(k)fluoranthene	23.298	252	42256	1.788	ng/ul#	86
26) Benzo(a)pyrene	23.888	252	35086	1.738	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	26.541	276	39817	1.562	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.554	278	31071	1.565	ng/ul#	80
29) Benzo(g,h,i)perylene	27.326	276	34133	1.492	ng/ul#	88

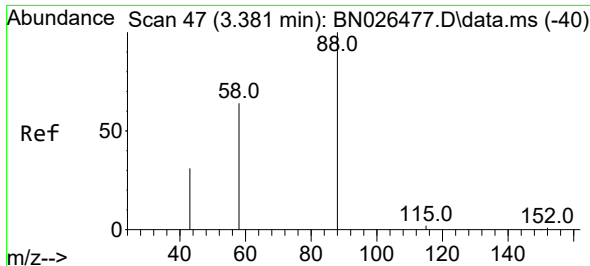
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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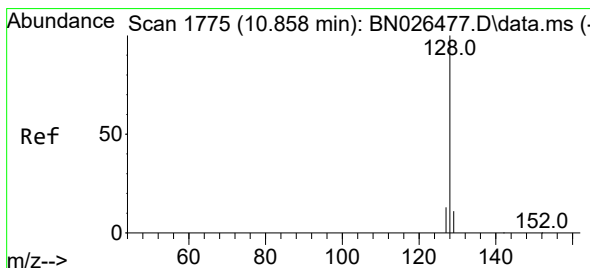
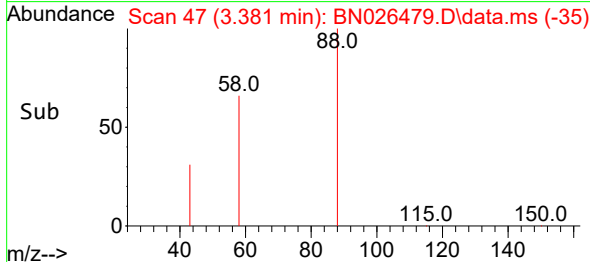
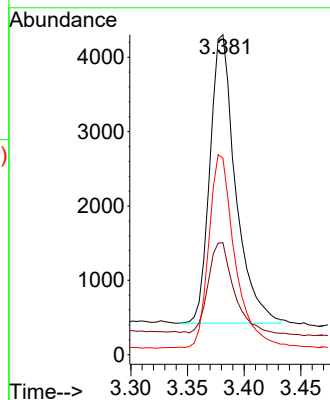
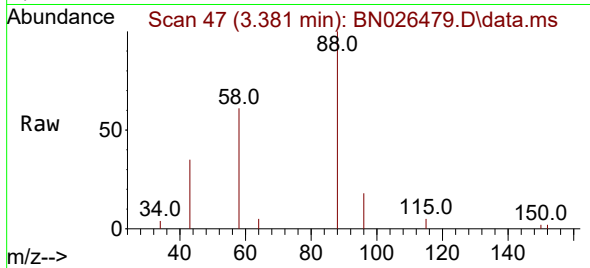




#2
1,4-Dioxane
Concen: 0.706 ng/ul
RT: 3.381 min Scan# 41
Delta R.T. -0.000 min
Lab File: BN026479.D
Acq: 12 Jul 2023 17:58

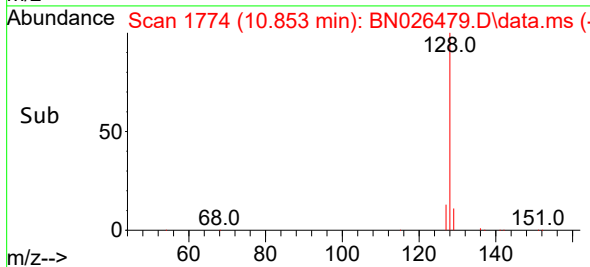
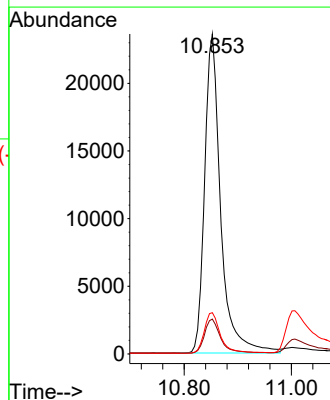
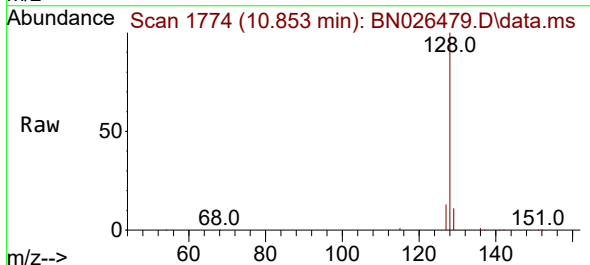
Instrument :
BNA_N
ClientSampleId :
SSTD1.6234

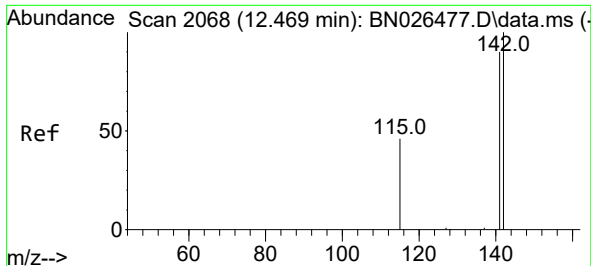
Tgt Ion: 88 Resp: 6102
Ion Ratio Lower Upper
88 100
43 35.0 33.0 49.6
58 61.4 41.7 62.5



#5
Naphthalene
Concen: 1.616 ng/ul
RT: 10.853 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BN026479.D
Acq: 12 Jul 2023 17:58

Tgt Ion:128 Resp: 49085
Ion Ratio Lower Upper
128 100
129 10.9 10.2 15.2
127 12.9 11.4 17.0

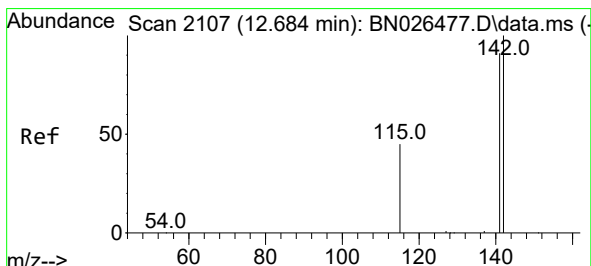
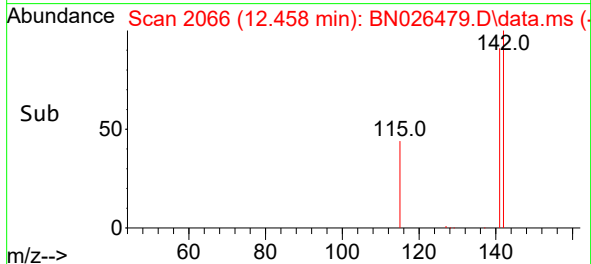
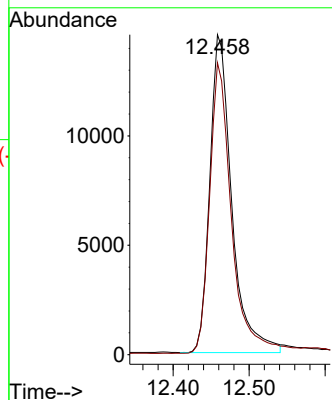
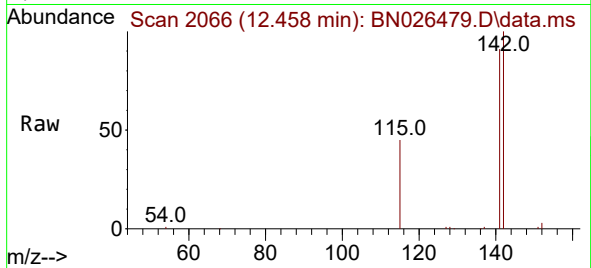




#7
2-Methylnaphthalene
Concen: 1.651 ng/ul
RT: 12.458 min Scan# 2066
Delta R.T. -0.011 min
Lab File: BN026479.D
Acq: 12 Jul 2023 17:58

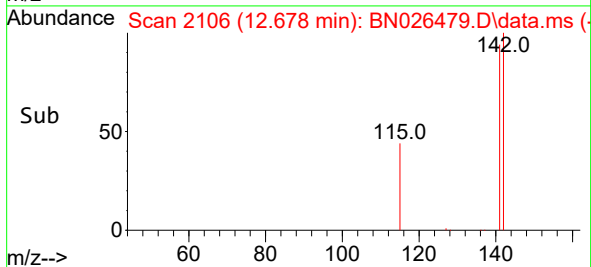
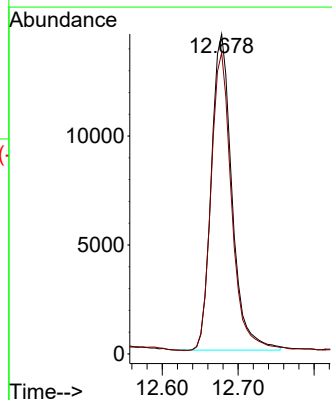
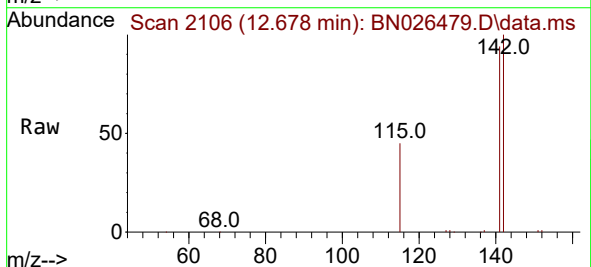
Instrument :
BNA_N
ClientSampleId :
SSTD1.6234

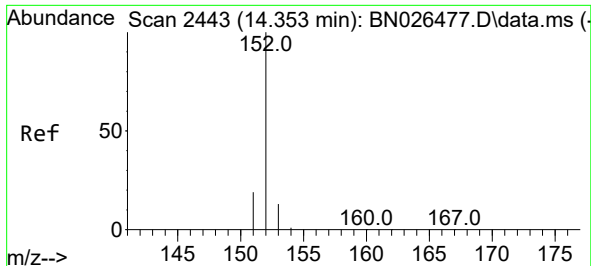
Tgt Ion:142 Resp: 29162
Ion Ratio Lower Upper
142 100
141 90.5 72.3 108.5



#8
1-Methylnaphthalene
Concen: 1.435 ng/ul
RT: 12.678 min Scan# 2106
Delta R.T. -0.006 min
Lab File: BN026479.D
Acq: 12 Jul 2023 17:58

Tgt Ion:142 Resp: 27344
Ion Ratio Lower Upper
142 100
141 93.9 74.5 111.7

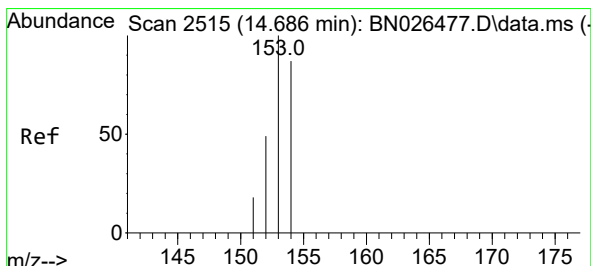
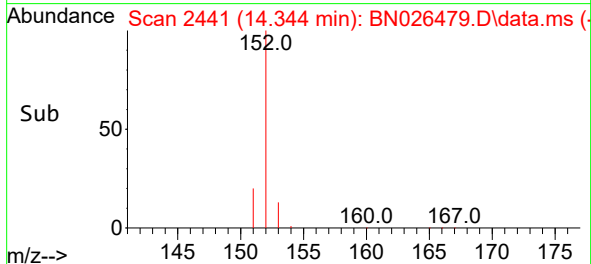
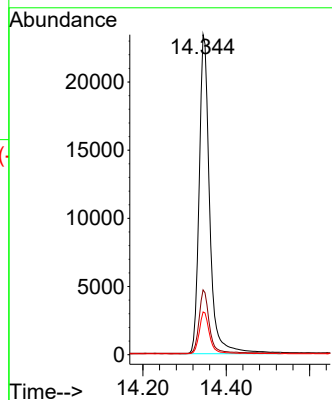
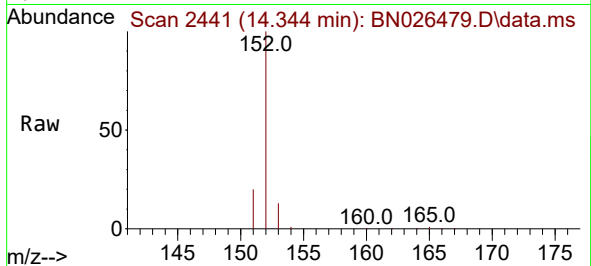




#10
Acenaphthylene
Concen: 1.605 ng/ul
RT: 14.344 min Scan# 2441
Delta R.T. -0.008 min
Lab File: BN026479.D
Acq: 12 Jul 2023 17:58

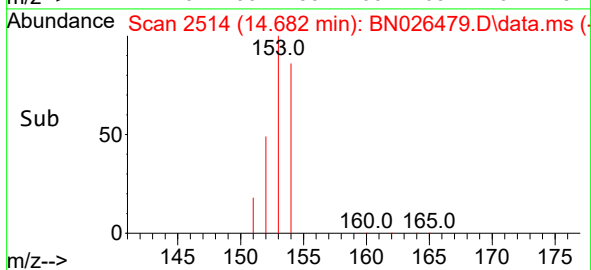
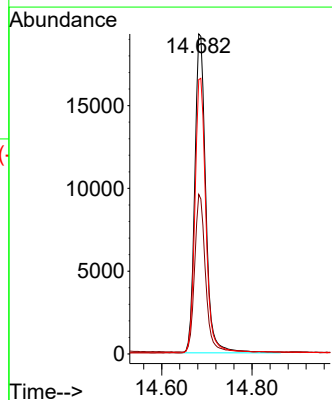
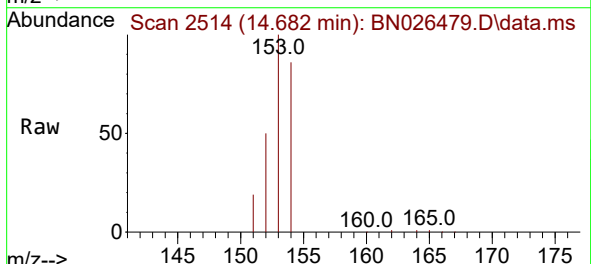
Instrument :
BNA_N
ClientSampleId :
SSTD1.6234

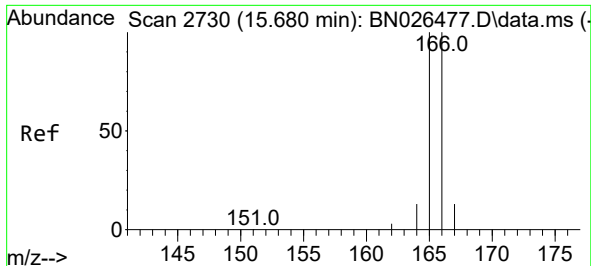
Tgt Ion:152 Resp: 41119
Ion Ratio Lower Upper
152 100
151 20.2 17.0 25.6
153 13.3 11.4 17.2



#11
Acenaphthene
Concen: 1.694 ng/ul
RT: 14.682 min Scan# 2514
Delta R.T. -0.004 min
Lab File: BN026479.D
Acq: 12 Jul 2023 17:58

Tgt Ion:153 Resp: 32620
Ion Ratio Lower Upper
153 100
152 49.9 40.2 60.4
154 85.8 69.3 103.9

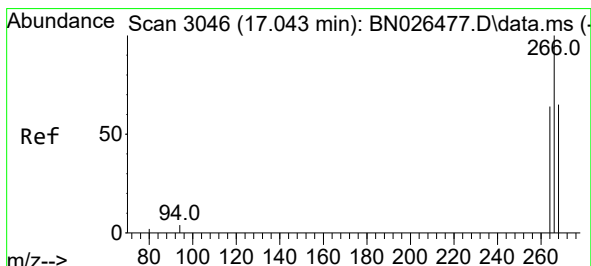
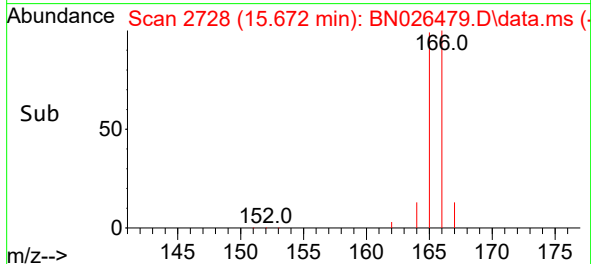
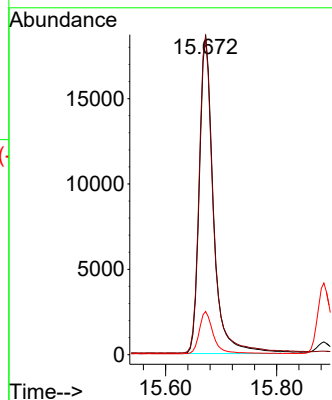
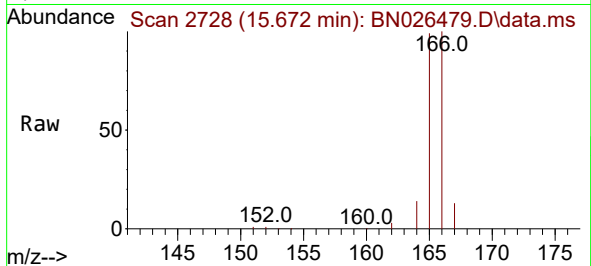




#12
Fluorene
Concen: 1.643 ng/ul
RT: 15.672 min Scan# 21
Delta R.T. -0.008 min
Lab File: BN026479.D
Acq: 12 Jul 2023 17:58

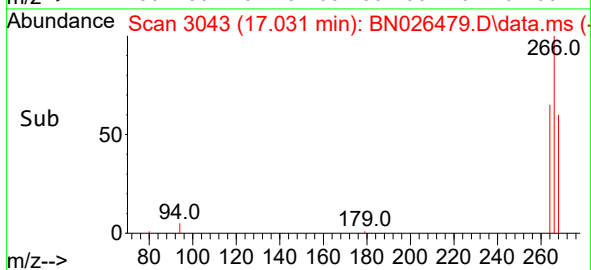
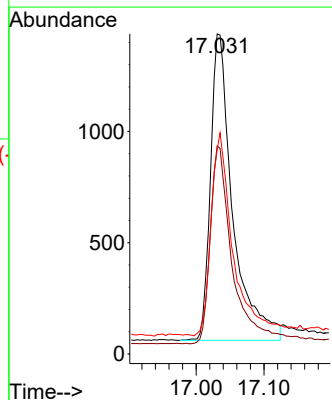
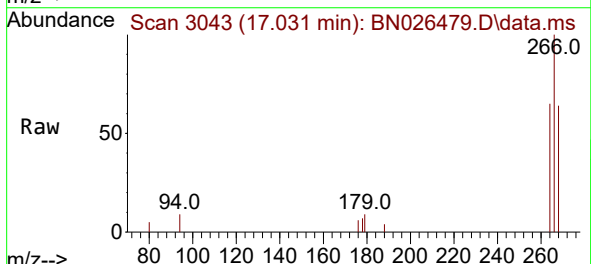
Instrument :
BNA_N
ClientSampleId :
SSTD1.6234

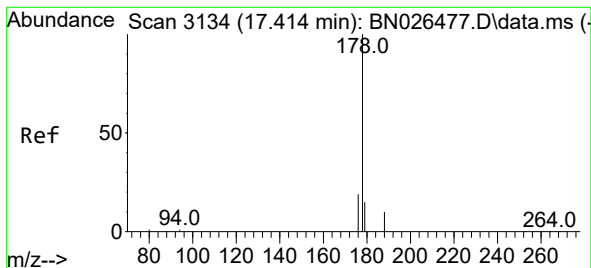
Tgt Ion:166 Resp: 32897
Ion Ratio Lower Upper
166 100
165 99.1 80.6 120.8
167 13.5 12.0 18.0



#14
Pentachlorophenol
Concen: 1.525 ng/ul
RT: 17.031 min Scan# 3043
Delta R.T. -0.012 min
Lab File: BN026479.D
Acq: 12 Jul 2023 17:58

Tgt Ion:266 Resp: 3133
Ion Ratio Lower Upper
266 100
264 63.5 52.0 78.0
268 65.3 53.0 79.6





#15

Phenanthrene

Concen: 1.647 ng/ul

RT: 17.411 min Scan# 3133

Delta R.T. -0.003 min

Lab File: BN026479.D

Acq: 12 Jul 2023 17:58

Instrument :

BNA_N

ClientSampleId :

SSTD1.6234

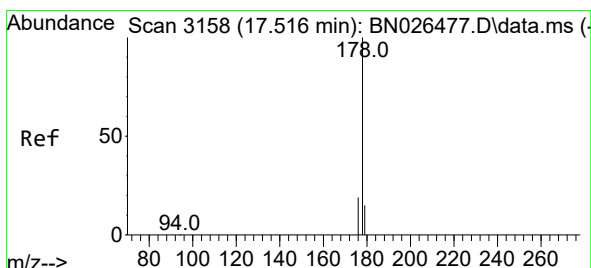
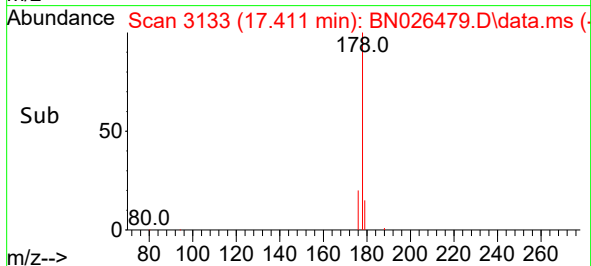
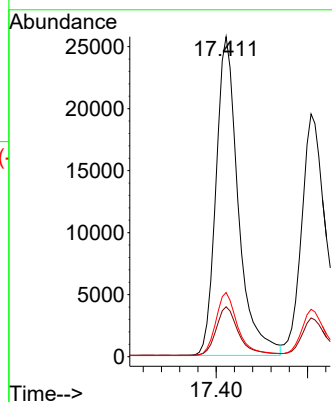
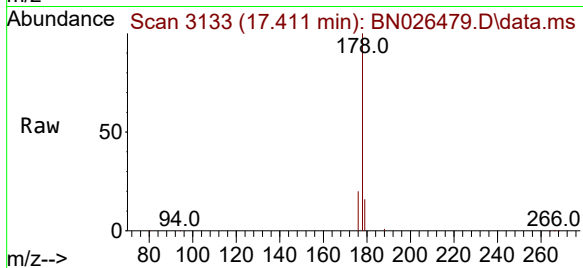
Tgt Ion:178 Resp: 43501

Ion Ratio Lower Upper

178 100

179 15.6 13.7 20.5

176 20.0 16.5 24.7



#16

Anthracene

Concen: 1.601 ng/ul

RT: 17.504 min Scan# 3155

Delta R.T. -0.012 min

Lab File: BN026479.D

Acq: 12 Jul 2023 17:58

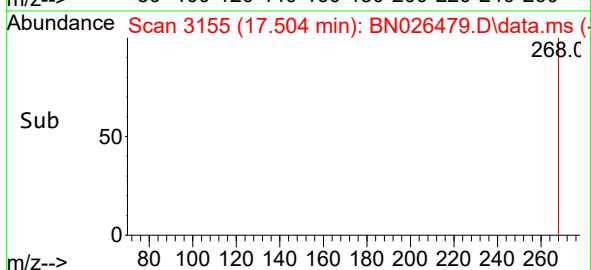
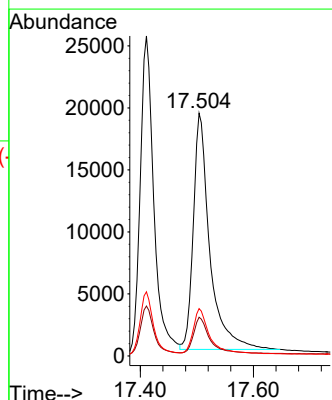
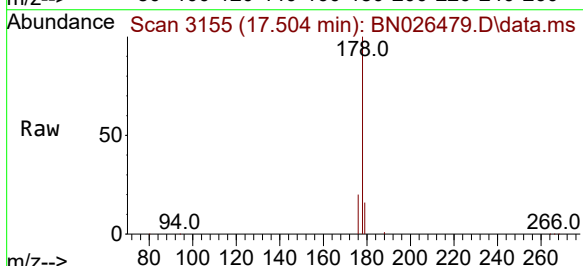
Tgt Ion:178 Resp: 38622

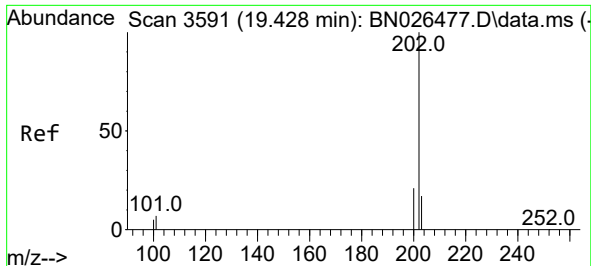
Ion Ratio Lower Upper

178 100

179 16.0 14.8 22.2

176 19.5 16.6 25.0

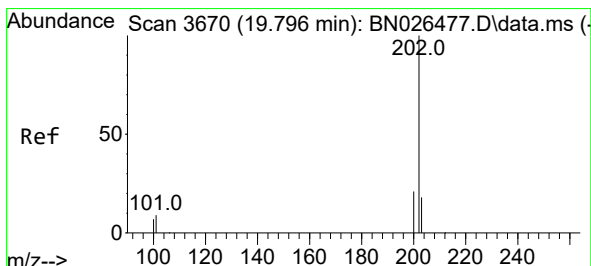
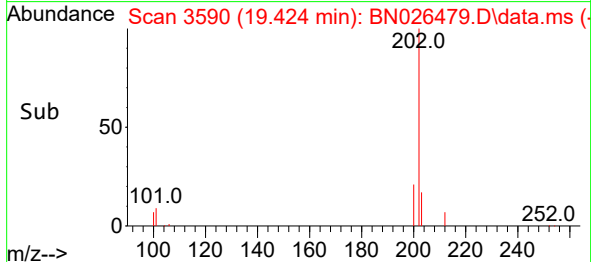
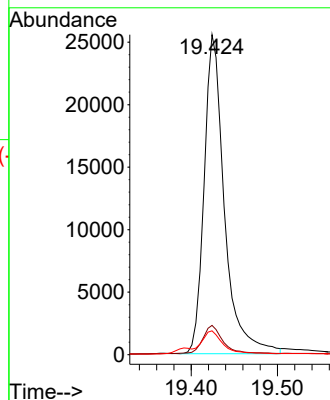
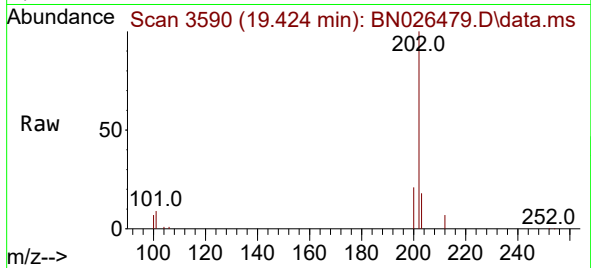




#19
Fluoranthene
Concen: 1.639 ng/ul
RT: 19.424 min Scan# 31
Delta R.T. -0.004 min
Lab File: BN026479.D
Acq: 12 Jul 2023 17:58

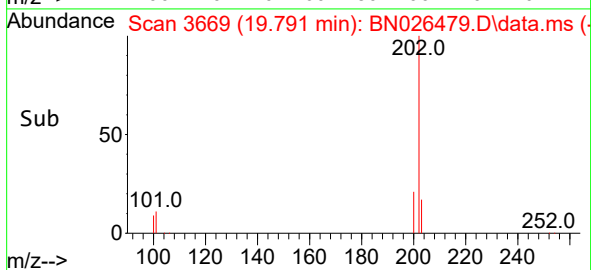
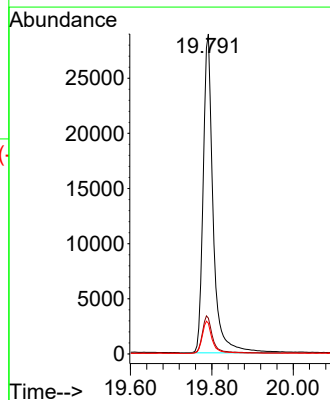
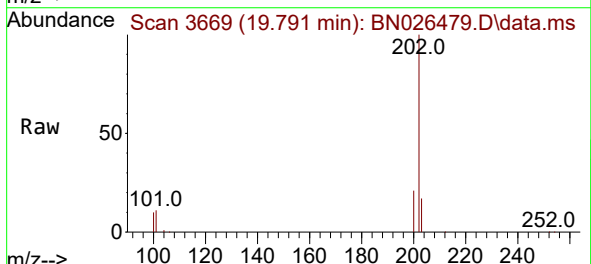
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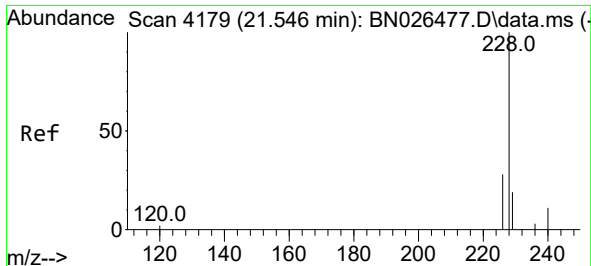
Tgt Ion:202 Resp: 41745
Ion Ratio Lower Upper
202 100
101 9.2 7.0 10.4
100 7.5 6.0 9.0



#20
Pyrene
Concen: 1.773 ng/ul
RT: 19.791 min Scan# 3669
Delta R.T. -0.004 min
Lab File: BN026479.D
Acq: 12 Jul 2023 17:58

Tgt Ion:202 Resp: 49095
Ion Ratio Lower Upper
202 100
101 11.2 8.0 12.0
100 9.6 6.2 9.2#

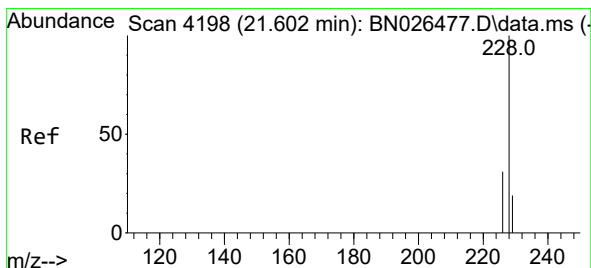
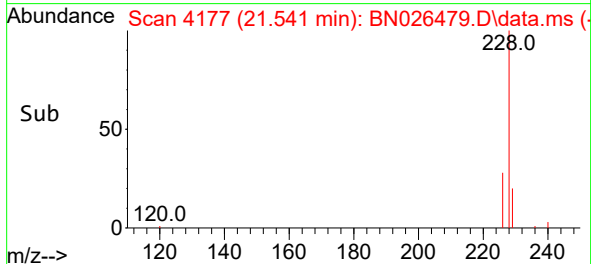
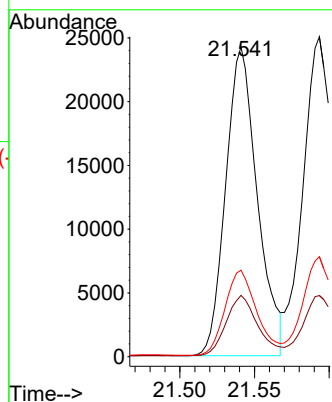
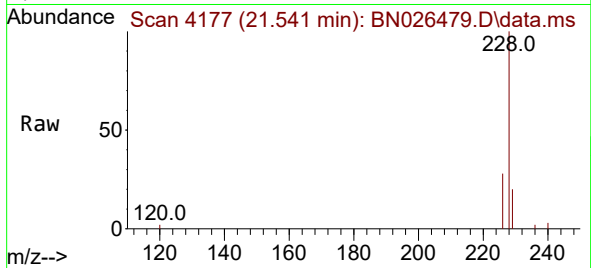




#21
Benzo(a)anthracene
Concen: 1.725 ng/ul
RT: 21.541 min Scan# 4179
Delta R.T. -0.005 min
Lab File: BN026479.D
Acq: 12 Jul 2023 17:58

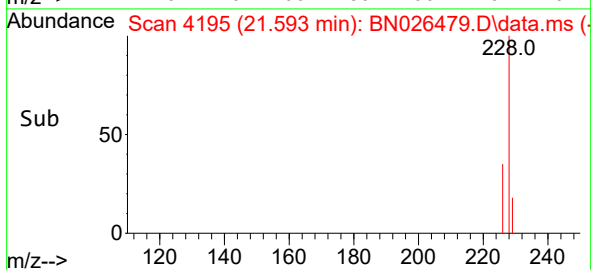
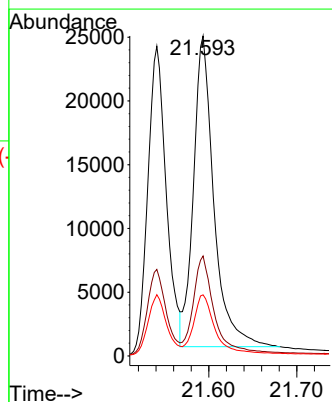
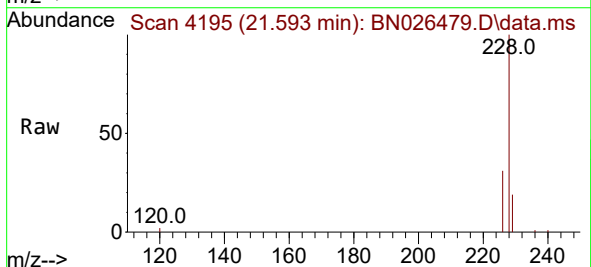
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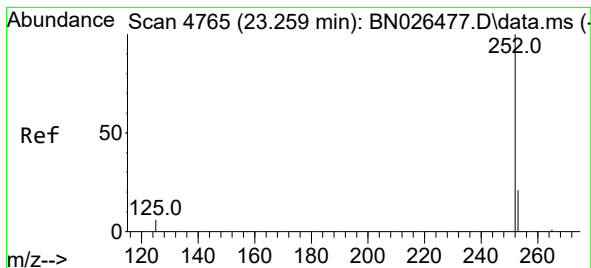
Tgt Ion:228 Resp: 35638
Ion Ratio Lower Upper
228 100
229 19.8 16.7 25.1
226 27.9 23.5 35.3



#22
Chrysene
Concen: 1.708 ng/ul
RT: 21.593 min Scan# 4195
Delta R.T. -0.008 min
Lab File: BN026479.D
Acq: 12 Jul 2023 17:58

Tgt Ion:228 Resp: 39380
Ion Ratio Lower Upper
228 100
226 31.3 25.2 37.8
229 19.1 16.4 24.6





#24

Benzo(b)fluoranthene

Concen: 1.748 ng/ul

RT: 23.245 min Scan# 41

Delta R.T. -0.014 min

Lab File: BN026479.D

Acq: 12 Jul 2023 17:58

Instrument :

BNA_N

ClientSampleId :

SSTD1.6234

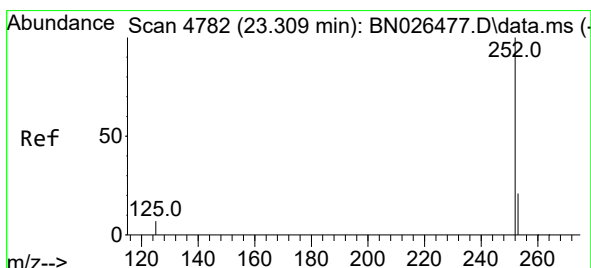
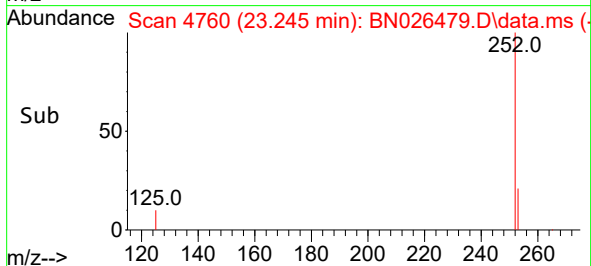
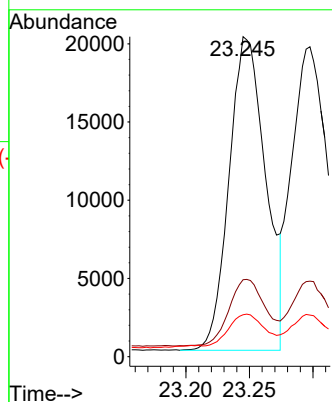
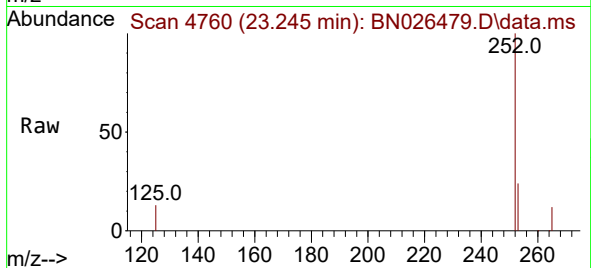
Tgt Ion:252 Resp: 40131

Ion Ratio Lower Upper

252 100

253 24.0 0.0 68.6

125 13.1 0.0 34.0



#25

Benzo(k)fluoranthene

Concen: 1.788 ng/ul

RT: 23.298 min Scan# 4778

Delta R.T. -0.011 min

Lab File: BN026479.D

Acq: 12 Jul 2023 17:58

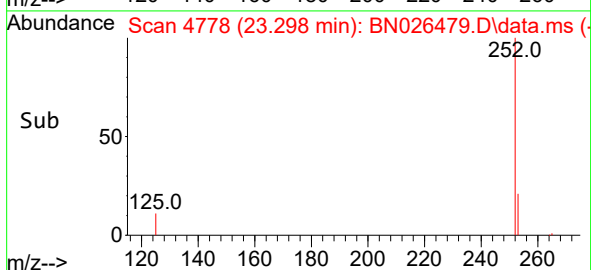
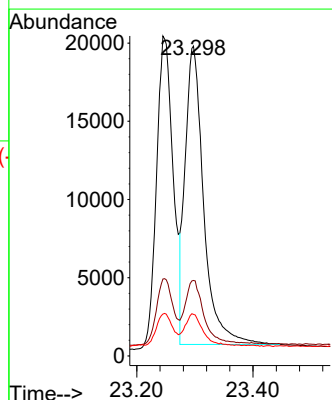
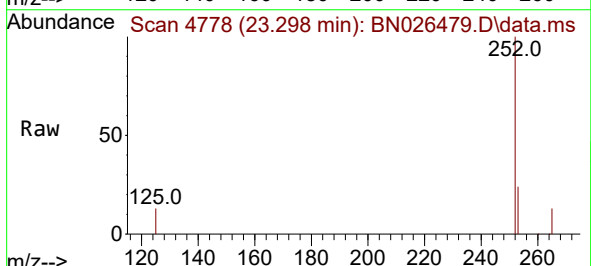
Tgt Ion:252 Resp: 42256

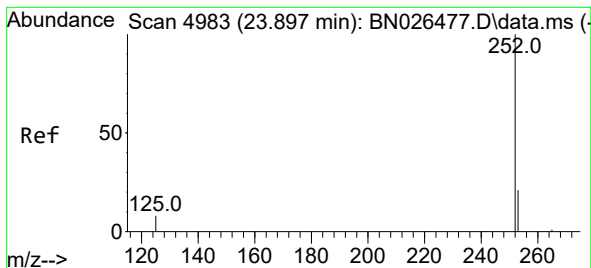
Ion Ratio Lower Upper

252 100

253 24.4 27.2 40.8#

125 13.4 13.4 20.2#





#26

Benzo(a)pyrene

Concen: 1.738 ng/ul

RT: 23.888 min Scan# 4980

Delta R.T. -0.008 min

Lab File: BN026479.D

Acq: 12 Jul 2023 17:58

Instrument :

BNA_N

ClientSampleId :

SSTD1.6234

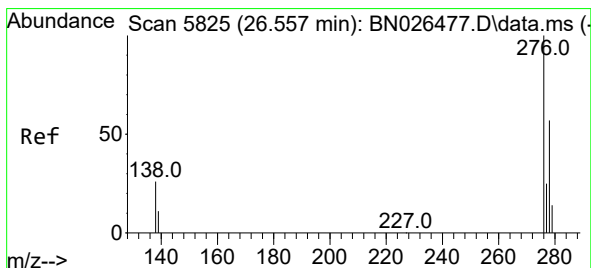
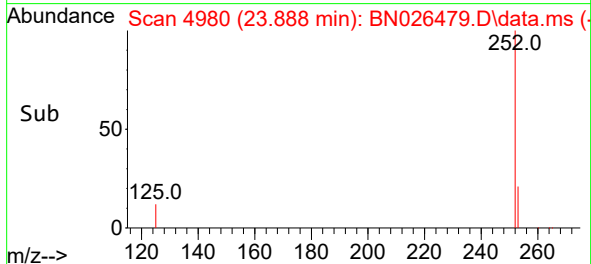
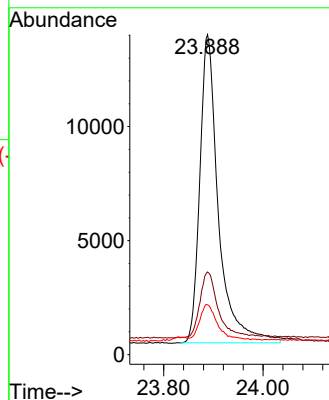
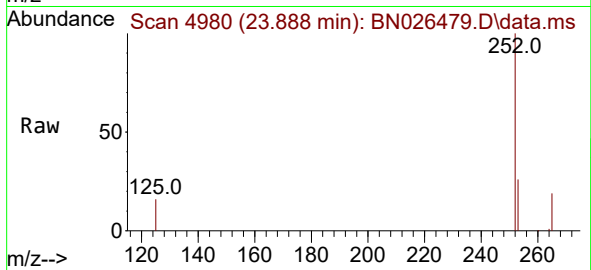
Tgt Ion:252 Resp: 35086

Ion Ratio Lower Upper

252 100

253 25.8 32.6 49.0#

125 15.6 19.3 28.9#



#27

Indeno(1,2,3-cd)pyrene

Concen: 1.562 ng/ul

RT: 26.541 min Scan# 5820

Delta R.T. -0.016 min

Lab File: BN026479.D

Acq: 12 Jul 2023 17:58

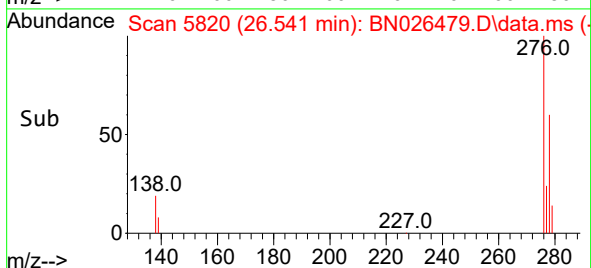
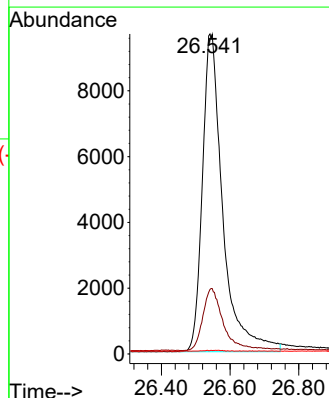
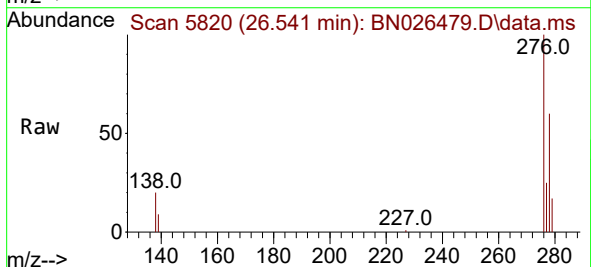
Tgt Ion:276 Resp: 39817

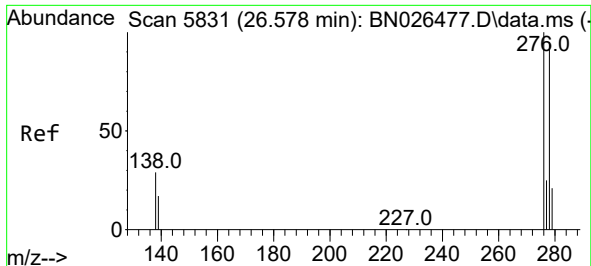
Ion Ratio Lower Upper

276 100

138 20.0 22.2 33.4#

227 0.0 0.1 0.1#

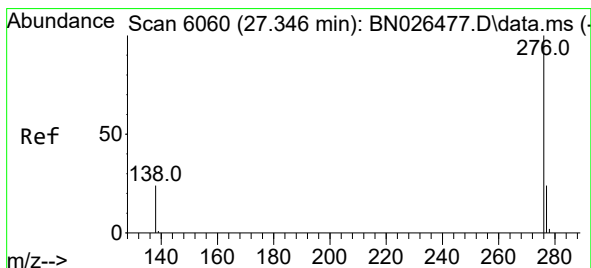
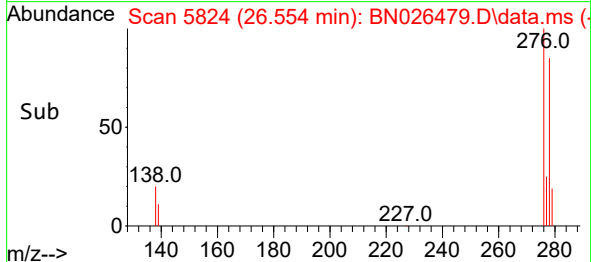
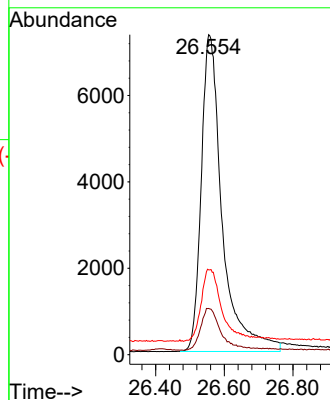
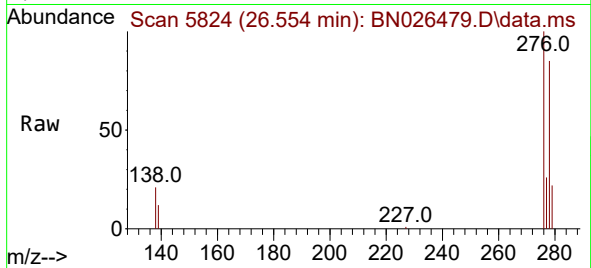




#28
Dibenzo(a,h)anthracene
Concen: 1.565 ng/ul
RT: 26.554 min Scan# 5824
Delta R.T. -0.023 min
Lab File: BN026479.D
Acq: 12 Jul 2023 17:58

Instrument :
BNA_N
ClientSampleId :
SSTD1.6234

Tgt Ion:278 Resp: 31071
Ion Ratio Lower Upper
278 100
139 14.4 18.9 28.3#
279 26.5 31.3 46.9#



#29
Benzo(g,h,i)perylene
Concen: 1.492 ng/ul
RT: 27.326 min Scan# 6054
Delta R.T. -0.020 min
Lab File: BN026479.D
Acq: 12 Jul 2023 17:58

Tgt Ion:276 Resp: 34133
Ion Ratio Lower Upper
276 100
138 18.2 22.6 34.0#
277 24.5 21.8 32.8

