

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041822\
 Data File : BN019477.D
 Acq On : 18 Apr 2022 14:09
 Operator : CG/JU
 Sample : SSTD1.627
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD1.6227

Quant Time: Apr 18 15:06:15 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN041822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 18 15:02:34 2022
 Response via : Initial Calibration

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

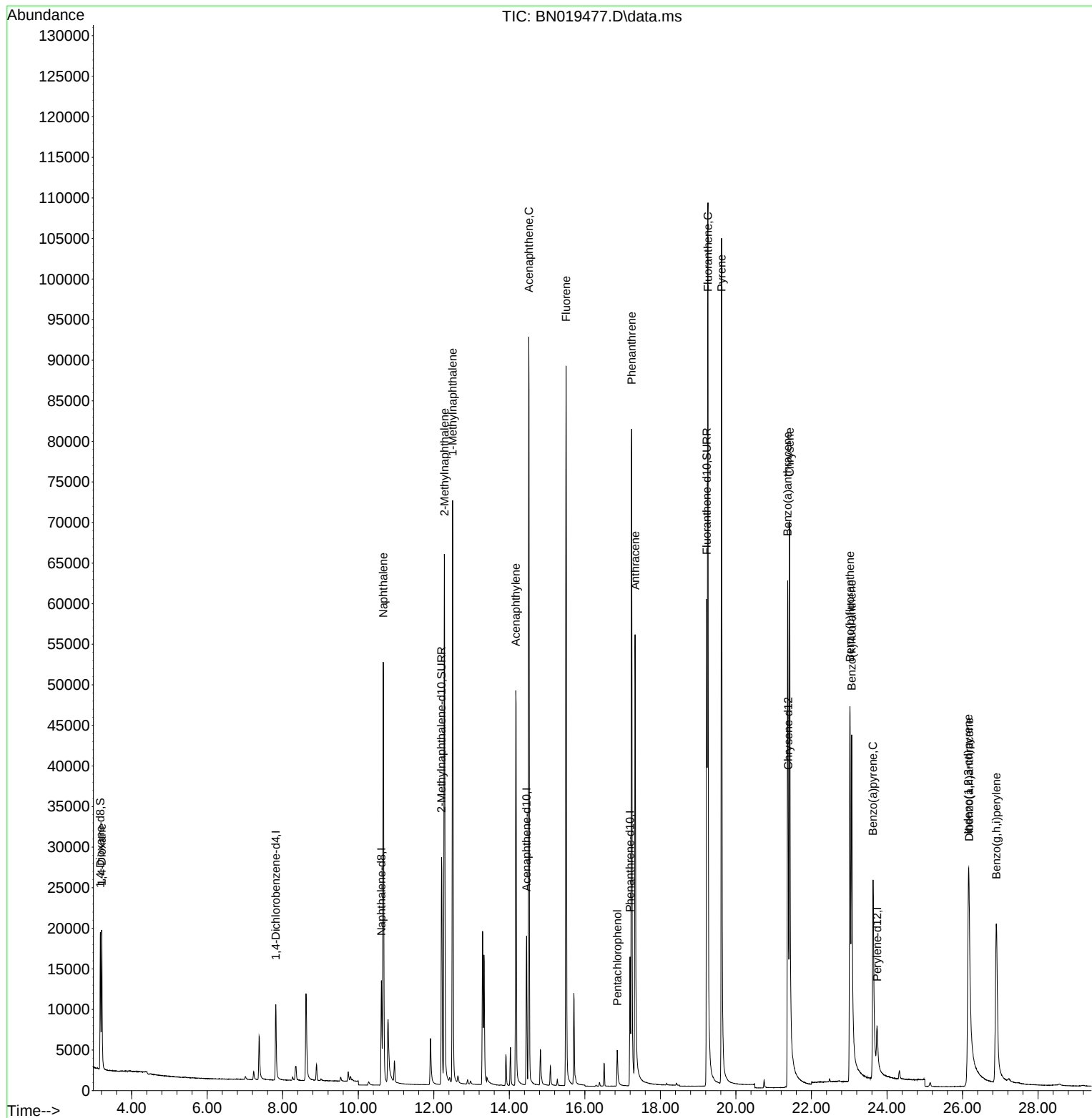
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.818	152	5837	0.400	ng/ul	0.00
4) Naphthalene-d8	10.613	136	17938	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.457	164	10229	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.197	188	18638	0.400	ng/ul	0.00
17) Chrysene-d12	21.386	240	13119	0.400	ng/ul	0.00
23) Perylene-d12	23.739	264	8976	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.173	96	10235	1.363	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.208	152	38323	1.510	ng/ul	-0.01
18) Fluoranthene-d10	19.226	212	72164	1.485	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.207	88	10323	1.427	ng/ul#	72
5) Naphthalene	10.662	128	74277	1.455	ng/ul	98
7) 2-Methylnaphthalene	12.285	142	50568	1.522	ng/ul#	100
8) 1-Methylnaphthalene	12.499	142	51040	1.463	ng/ul#	100
10) Acenaphthylene	14.174	152	59513	1.604	ng/ul	99
11) Acenaphthene	14.517	153	54212	1.463	ng/ul	99
12) Fluorene	15.502	166	59948	1.454	ng/ul	99
14) Pentachlorophenol	16.859	266	4006	1.339	ng/ul	89
15) Phenanthrene	17.239	178	91068	1.470	ng/ul	99
16) Anthracene	17.332	178	74199	1.559	ng/ul	98
19) Fluoranthene	19.259	202	100446	1.539	ng/ul	99
20) Pyrene	19.621	202	100666	1.449	ng/ul	99
21) Benzo(a)anthracene	21.372	228	62374	1.544	ng/ul	99
22) Chrysene	21.421	228	71439	1.351	ng/ul	100
24) Benzo(b)fluoranthene	23.020	252	65374	1.573	ng/ul	90
25) Benzo(k)fluoranthene	23.067	252	71746	1.495	ng/ul	95
26) Benzo(a)pyrene	23.631	252	54357	1.531	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	26.155	276	56030	1.419	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.176	278	38977	1.387	ng/ul#	79
29) Benzo(g,h,i)perylene	26.897	276	54228	1.422	ng/ul	98

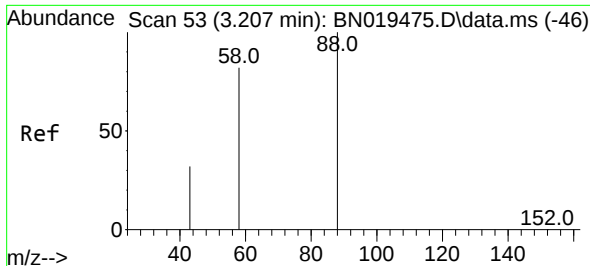
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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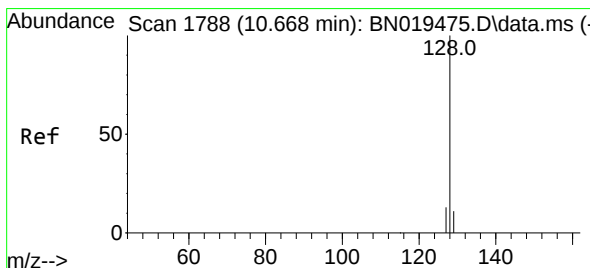
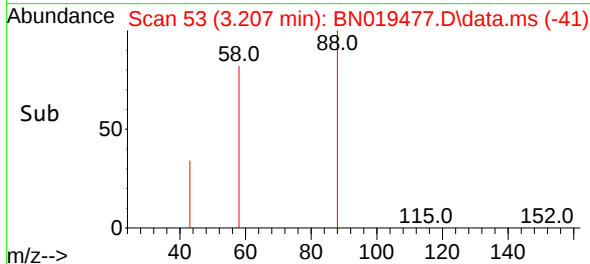
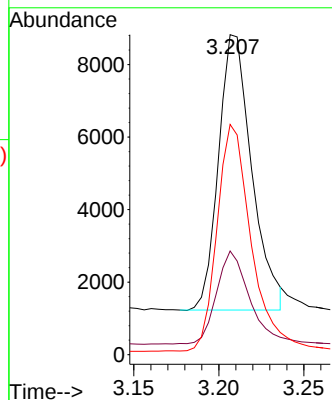
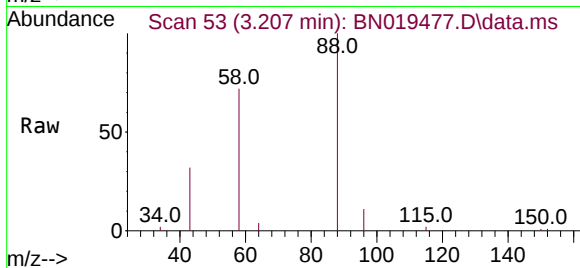




#2
1,4-Dioxane
Concen: 1.427 ng/ul
RT: 3.207 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN019477.D
Acq: 18 Apr 2022 14:09

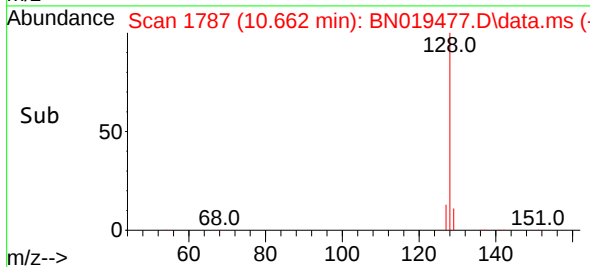
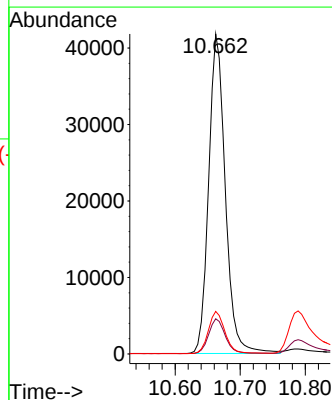
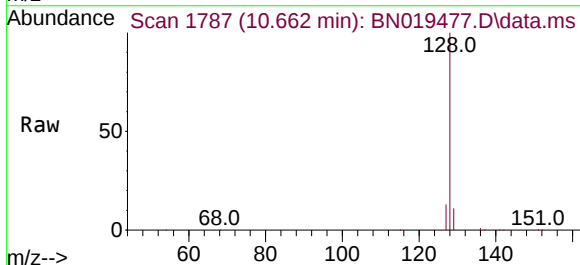
Instrument :
BNA_N
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SSTD1.6227

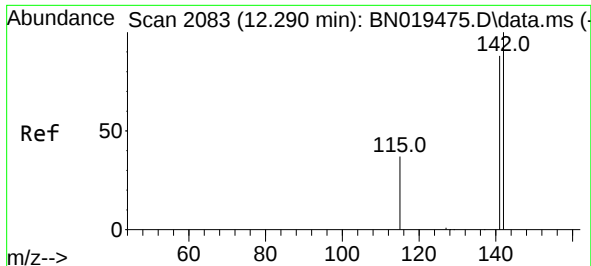
Tgt Ion: 88 Resp: 10323
Ion Ratio Lower Upper
88 100
43 32.4 39.0 58.4#
58 71.9 39.8 59.8#



#5
Naphthalene
Concen: 1.455 ng/ul
RT: 10.662 min Scan# 1787
Delta R.T. -0.005 min
Lab File: BN019477.D
Acq: 18 Apr 2022 14:09

Tgt Ion: 128 Resp: 74277
Ion Ratio Lower Upper
128 100
129 11.0 9.5 14.3
127 13.3 11.0 16.4

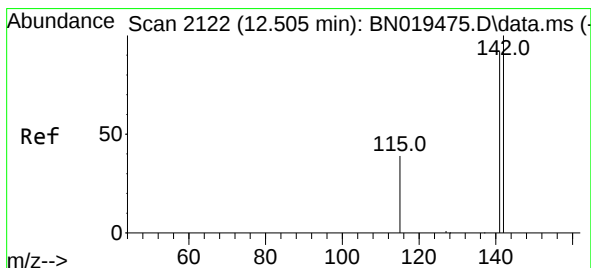
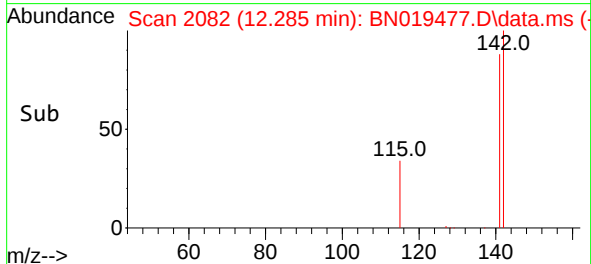
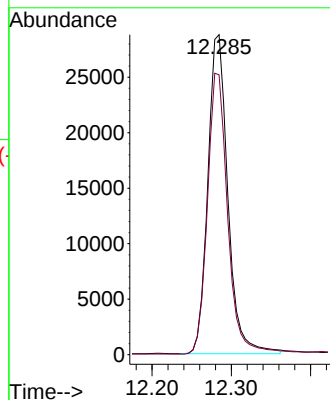
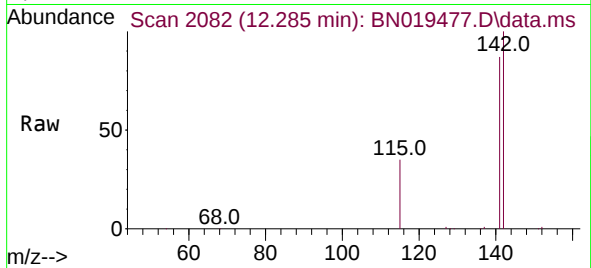




#7
2-Methylnaphthalene
Concen: 1.522 ng/ul
RT: 12.285 min Scan# 2082
Delta R.T. -0.005 min
Lab File: BN019477.D
Acq: 18 Apr 2022 14:09

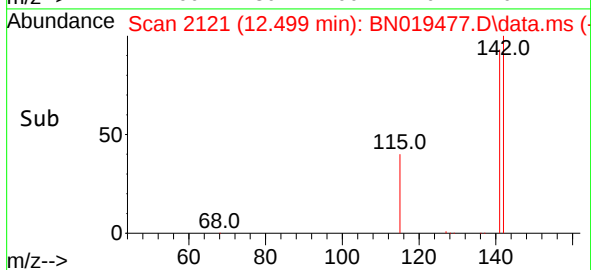
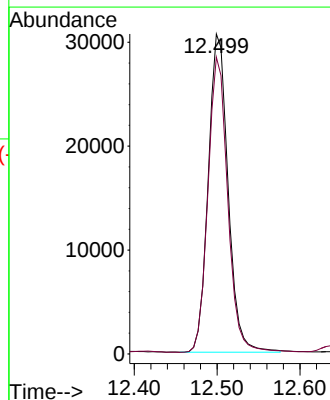
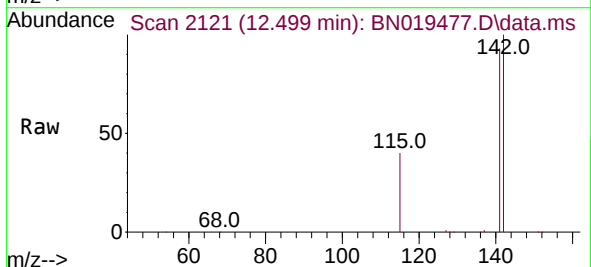
Instrument :
BNA_N
ClientSampleId :
SSTD1.6227

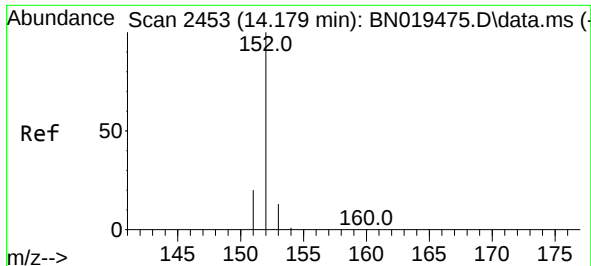
Tgt Ion:142 Resp: 50568
Ion Ratio Lower Upper
142 100
141 88.7 0.0 0.0#



#8
1-Methylnaphthalene
Concen: 1.463 ng/ul
RT: 12.499 min Scan# 2121
Delta R.T. -0.005 min
Lab File: BN019477.D
Acq: 18 Apr 2022 14:09

Tgt Ion:142 Resp: 51040
Ion Ratio Lower Upper
142 100
141 92.3 0.0 0.0#

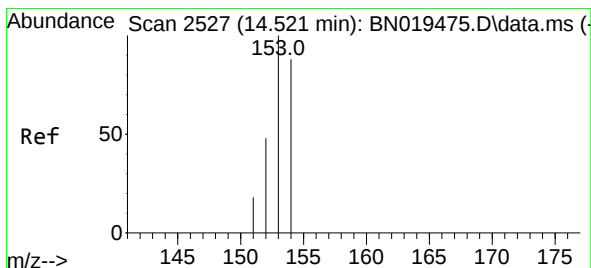
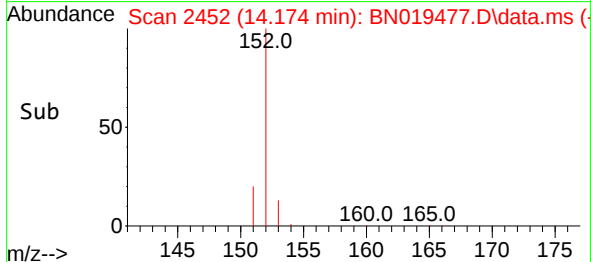
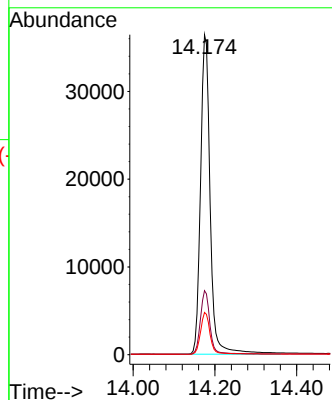
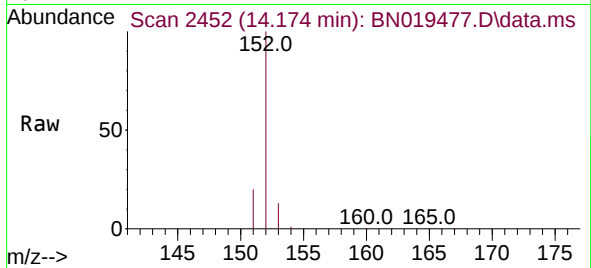




#10
Acenaphthylene
Concen: 1.604 ng/ul
RT: 14.174 min Scan# 2453
Delta R.T. -0.005 min
Lab File: BN019477.D
Acq: 18 Apr 2022 14:09

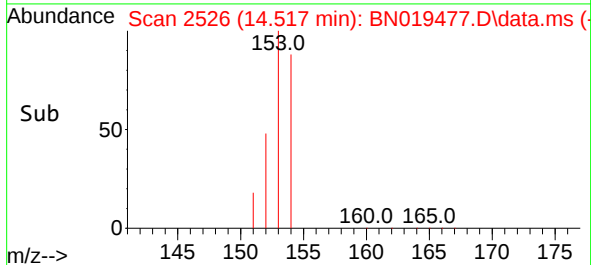
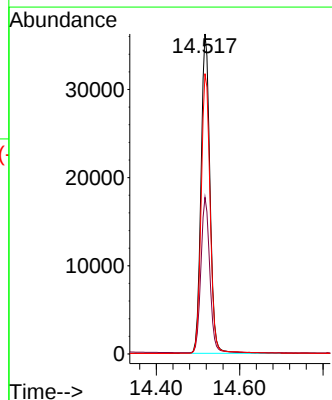
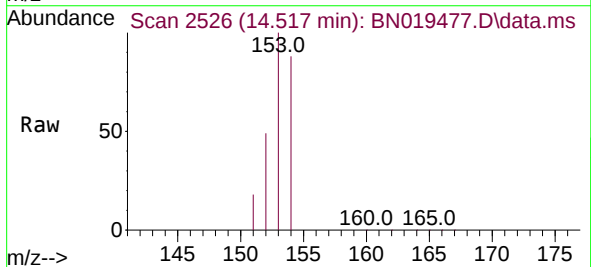
Instrument :
BNA_N
ClientSampleId :
SSTD1.6227

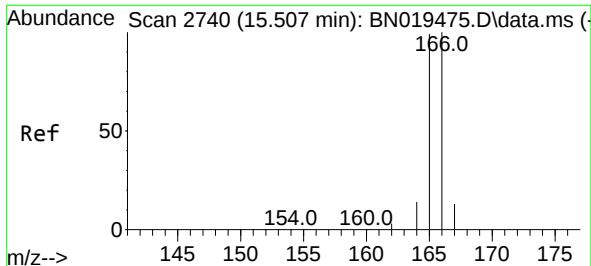
Tgt Ion:152 Resp: 59513
Ion Ratio Lower Upper
152 100
151 20.0 16.3 24.5
153 13.2 11.1 16.7



#11
Acenaphthene
Concen: 1.463 ng/ul
RT: 14.517 min Scan# 2526
Delta R.T. -0.005 min
Lab File: BN019477.D
Acq: 18 Apr 2022 14:09

Tgt Ion:153 Resp: 54212
Ion Ratio Lower Upper
153 100
152 48.9 38.6 57.8
154 87.6 71.2 106.8

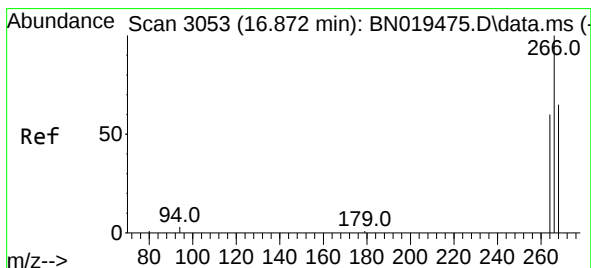
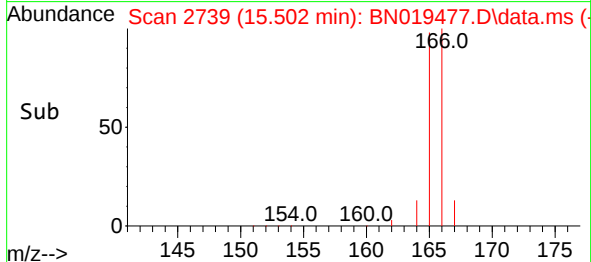
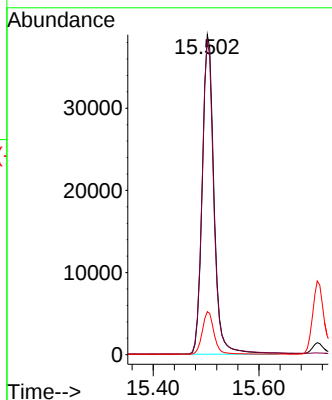
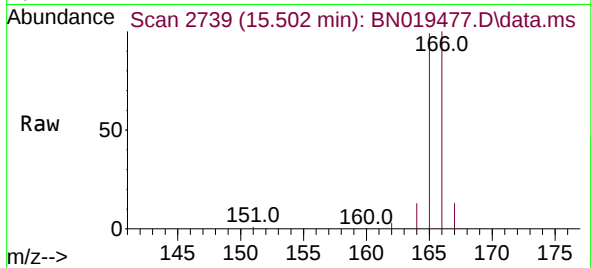




#12
Fluorene
Concen: 1.454 ng/ul
RT: 15.502 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN019477.D
Acq: 18 Apr 2022 14:09

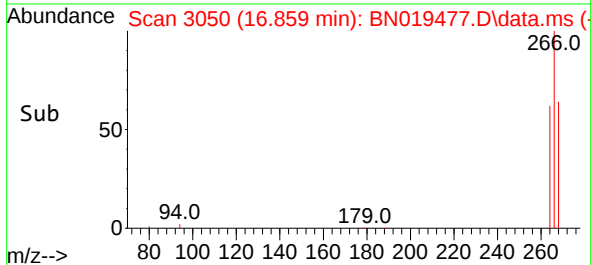
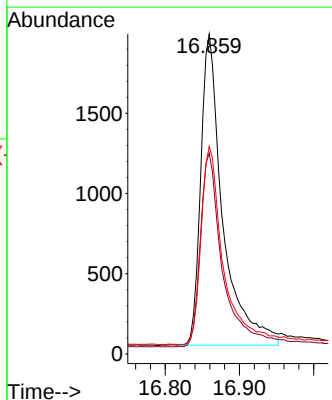
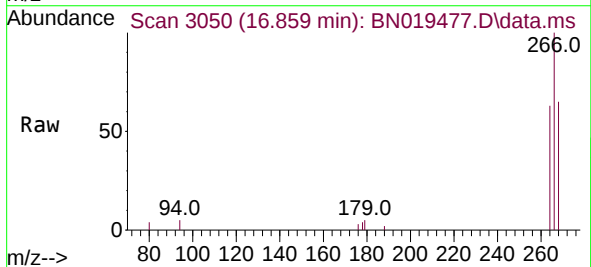
Instrument :
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ClientSampleId :
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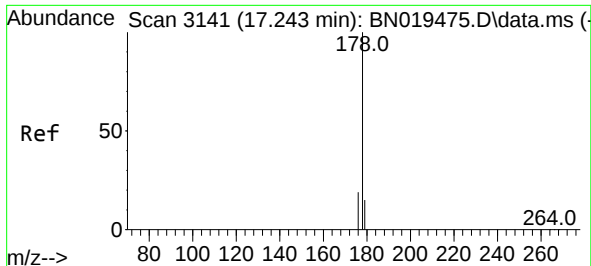
Tgt Ion:166 Resp: 59948
Ion Ratio Lower Upper
166 100
165 98.5 78.2 117.2
167 13.5 11.3 16.9



#14
Pentachlorophenol
Concen: 1.339 ng/ul
RT: 16.859 min Scan# 3050
Delta R.T. -0.013 min
Lab File: BN019477.D
Acq: 18 Apr 2022 14:09

Tgt Ion:266 Resp: 4006
Ion Ratio Lower Upper
266 100
264 62.8 44.9 67.3
268 64.5 44.6 67.0

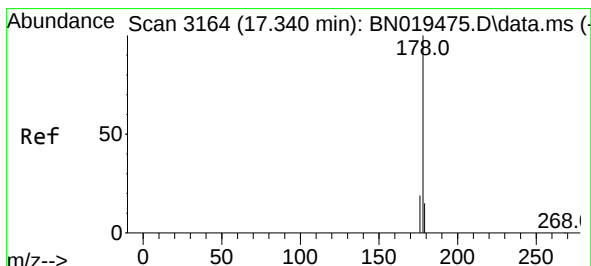
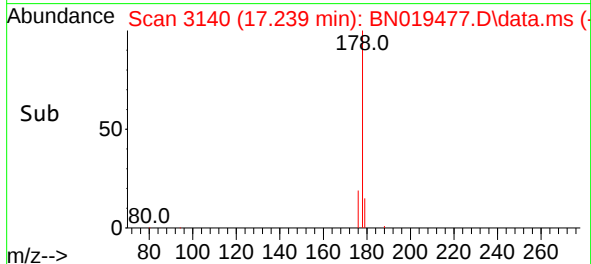
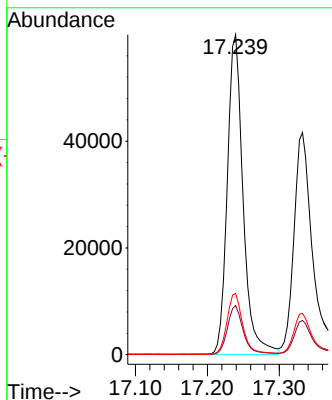
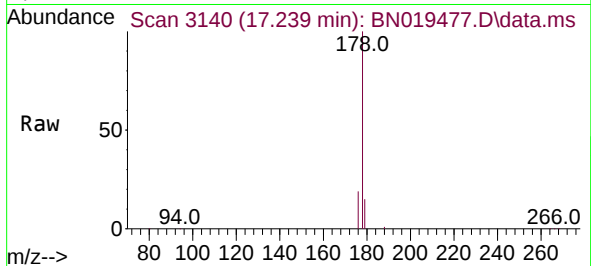




#15
Phenanthrene
Concen: 1.470 ng/ul
RT: 17.239 min Scan# 3140
Delta R.T. -0.004 min
Lab File: BN019477.D
Acq: 18 Apr 2022 14:09

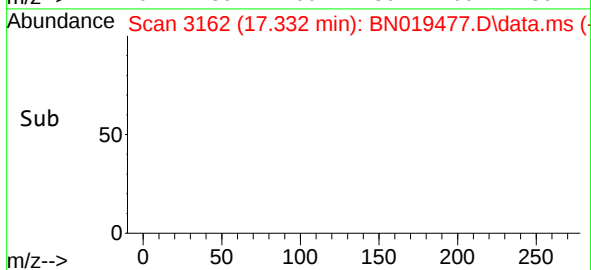
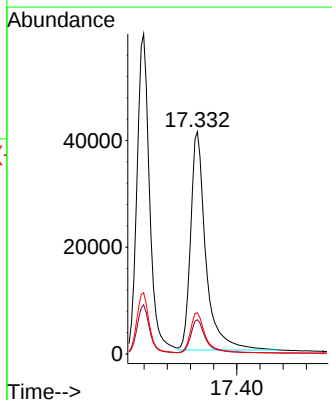
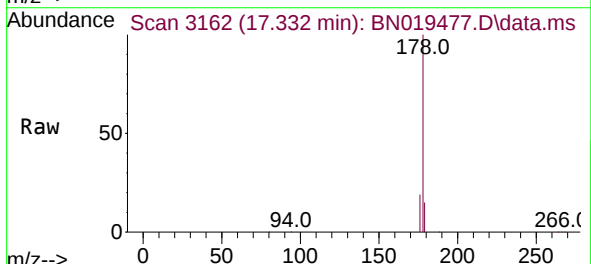
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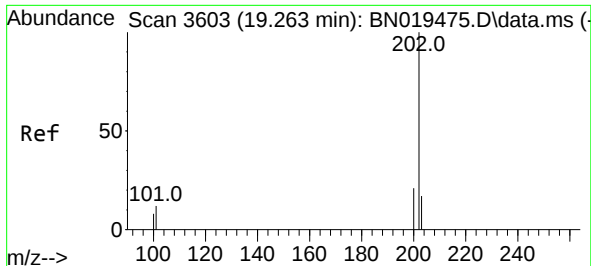
Tgt Ion:178 Resp: 91068
Ion Ratio Lower Upper
178 100
179 15.4 12.9 19.3
176 19.1 15.5 23.3



#16
Anthracene
Concen: 1.559 ng/ul
RT: 17.332 min Scan# 3162
Delta R.T. -0.008 min
Lab File: BN019477.D
Acq: 18 Apr 2022 14:09

Tgt Ion:178 Resp: 74199
Ion Ratio Lower Upper
178 100
179 15.4 13.1 19.7
176 18.5 15.3 22.9

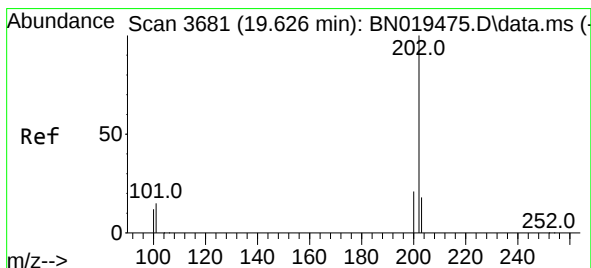
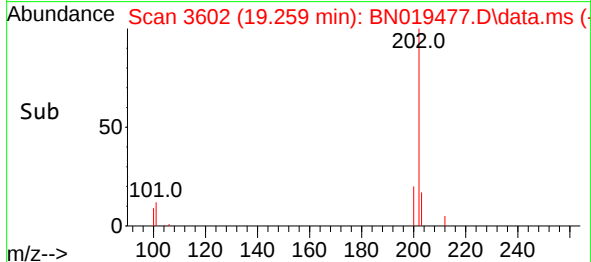
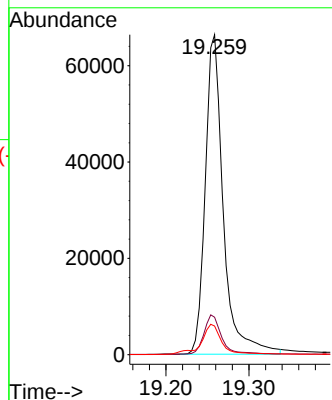
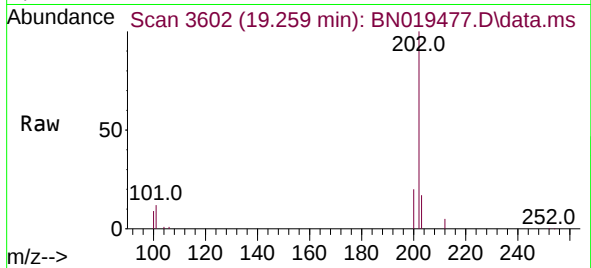




#19
Fluoranthene
Concen: 1.539 ng/ul
RT: 19.259 min Scan# 3602
Delta R.T. -0.005 min
Lab File: BN019477.D
Acq: 18 Apr 2022 14:09

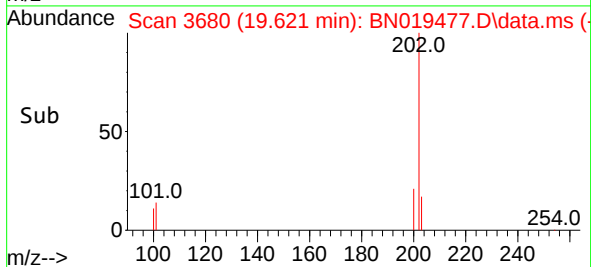
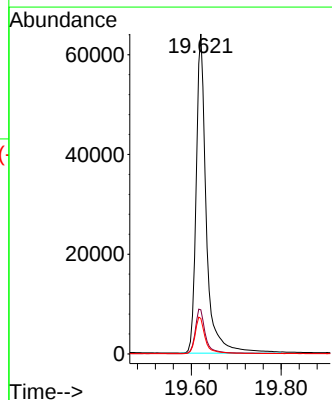
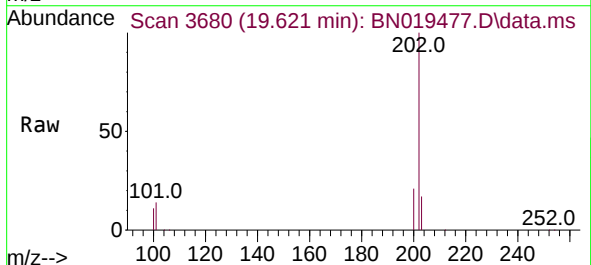
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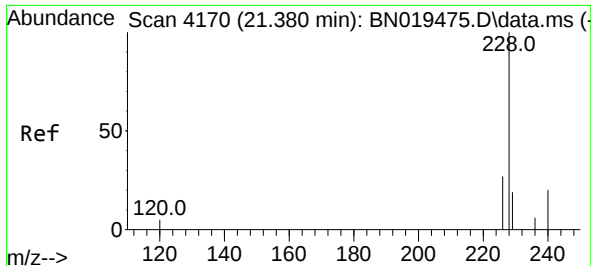
Tgt Ion:202 Resp: 100446
Ion Ratio Lower Upper
202 100
101 11.7 9.7 14.5
100 9.0 7.4 11.2



#20
Pyrene
Concen: 1.449 ng/ul
RT: 19.621 min Scan# 3680
Delta R.T. -0.005 min
Lab File: BN019477.D
Acq: 18 Apr 2022 14:09

Tgt Ion:202 Resp: 100666
Ion Ratio Lower Upper
202 100
101 13.8 11.4 17.0
100 11.1 9.0 13.4

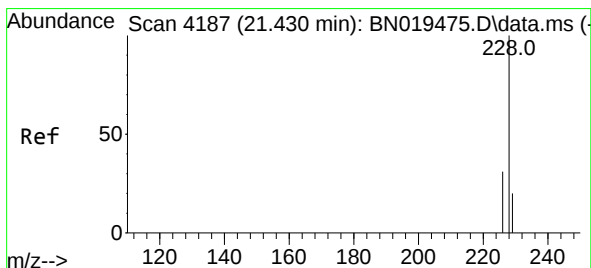
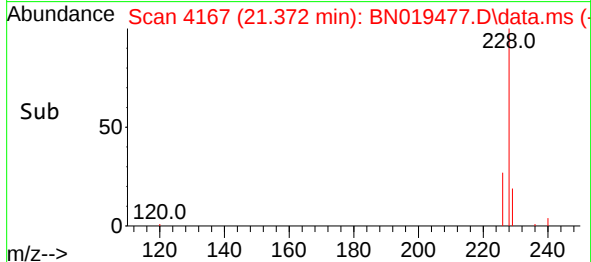
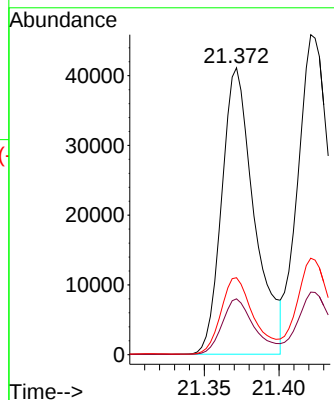
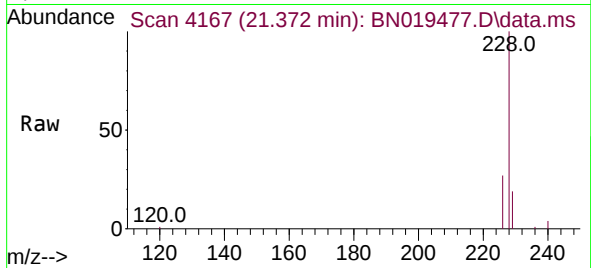




#21
Benzo(a)anthracene
Concen: 1.544 ng/ul
RT: 21.372 min Scan# 4167
Delta R.T. -0.009 min
Lab File: BN019477.D
Acq: 18 Apr 2022 14:09

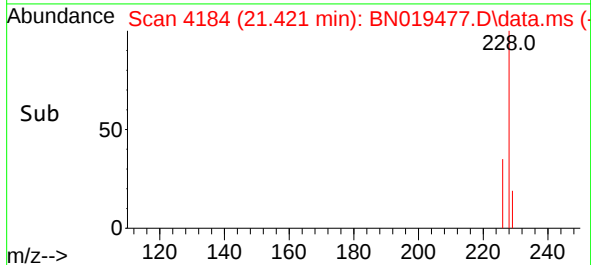
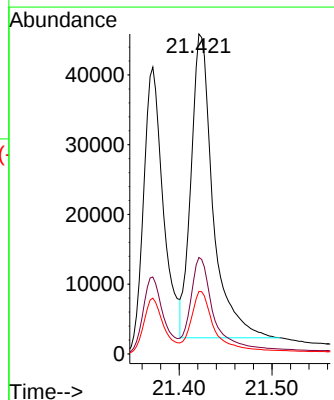
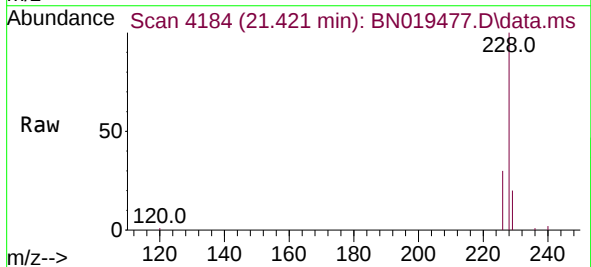
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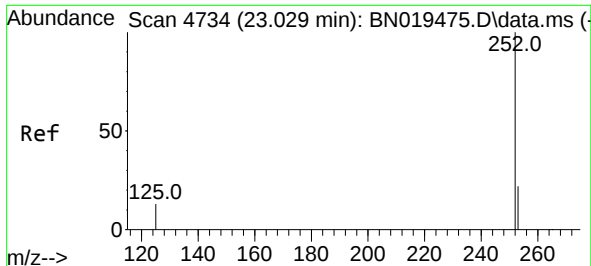
Tgt Ion:228 Resp: 62374
Ion Ratio Lower Upper
228 100
229 19.5 16.1 24.1
226 26.9 22.1 33.1



#22
Chrysene
Concen: 1.351 ng/ul
RT: 21.421 min Scan# 4184
Delta R.T. -0.009 min
Lab File: BN019477.D
Acq: 18 Apr 2022 14:09

Tgt Ion:228 Resp: 71439
Ion Ratio Lower Upper
228 100
226 30.1 24.2 36.2
229 19.5 16.0 24.0

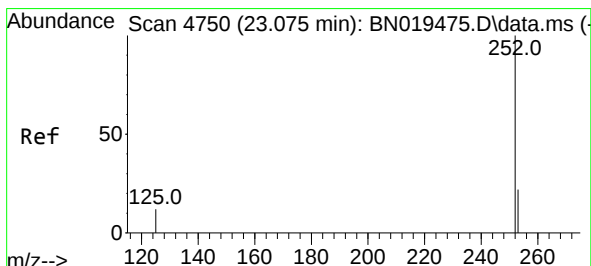
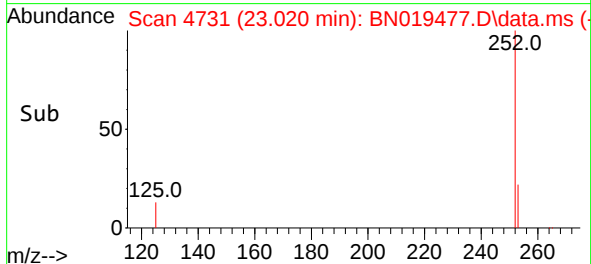
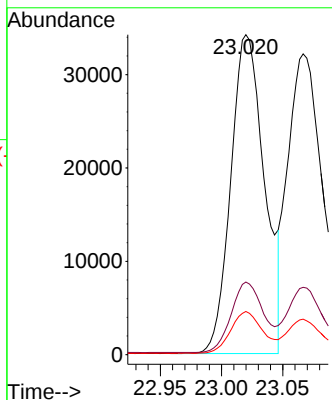
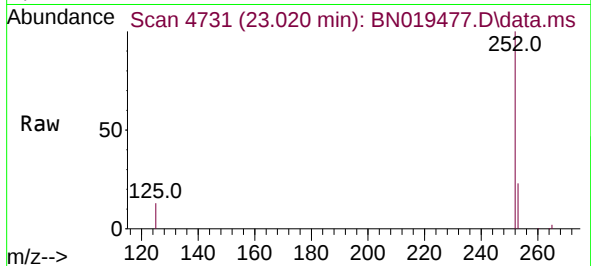




#24
Benzo(b)fluoranthene
Concen: 1.573 ng/ul
RT: 23.020 min Scan# 4731
Delta R.T. -0.009 min
Lab File: BN019477.D
Acq: 18 Apr 2022 14:09

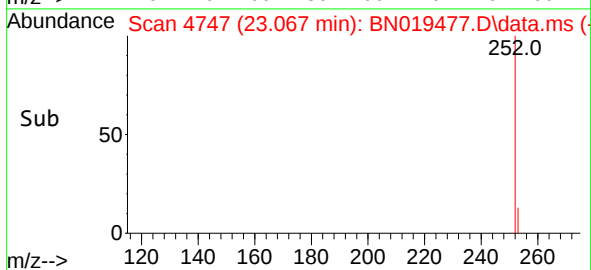
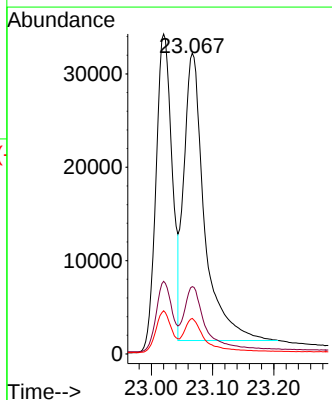
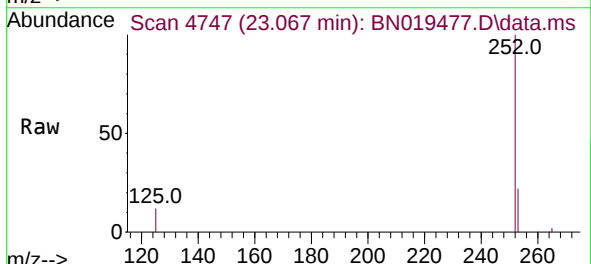
Instrument :
BNA_N
ClientSampleId :
SSTD1.6227

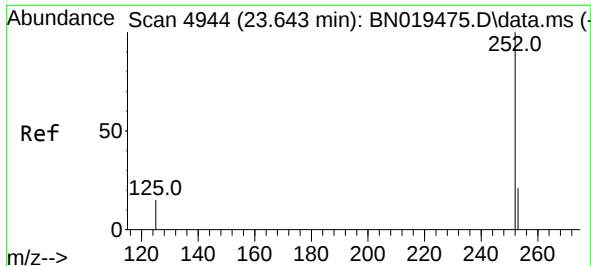
Tgt Ion:252 Resp: 65374
Ion Ratio Lower Upper
252 100
253 22.7 0.0 52.0
125 13.5 0.0 40.2



#25
Benzo(k)fluoranthene
Concen: 1.495 ng/ul
RT: 23.067 min Scan# 4747
Delta R.T. -0.009 min
Lab File: BN019477.D
Acq: 18 Apr 2022 14:09

Tgt Ion:252 Resp: 71746
Ion Ratio Lower Upper
252 100
253 22.4 20.2 30.2
125 11.8 11.0 16.6

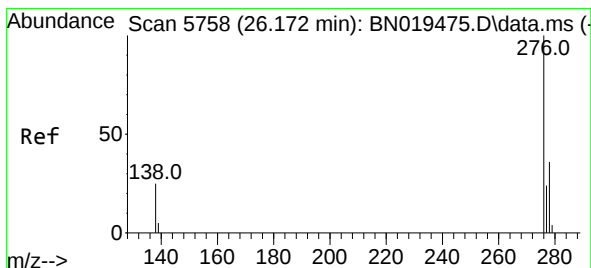
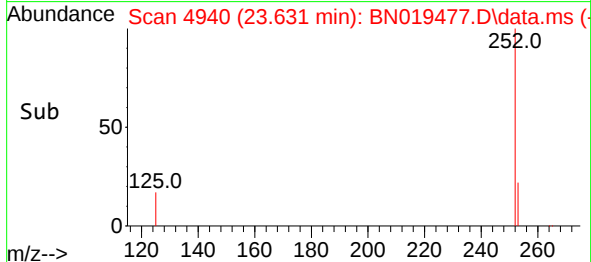
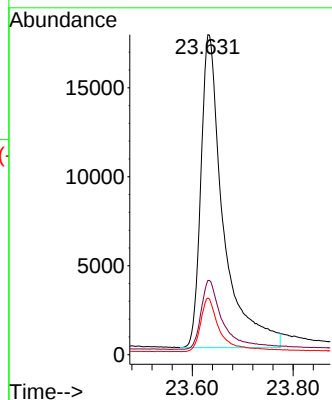
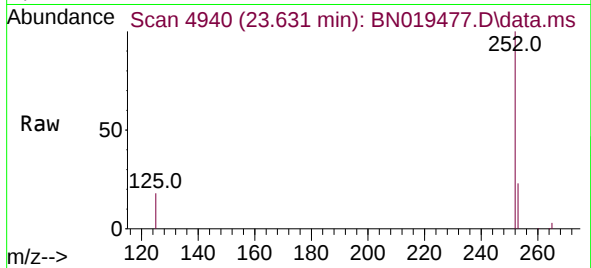




#26
Benzo(a)pyrene
Concen: 1.531 ng/ul
RT: 23.631 min Scan# 4944
Delta R.T. -0.012 min
Lab File: BN019477.D
Acq: 18 Apr 2022 14:09

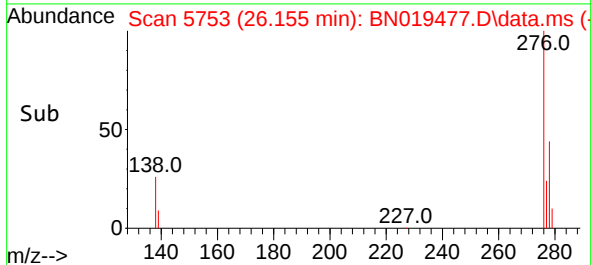
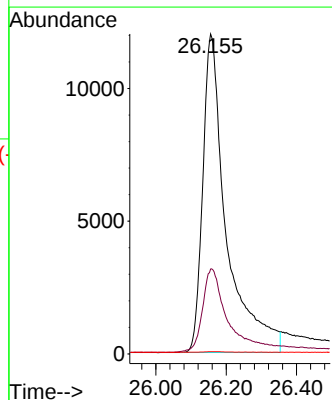
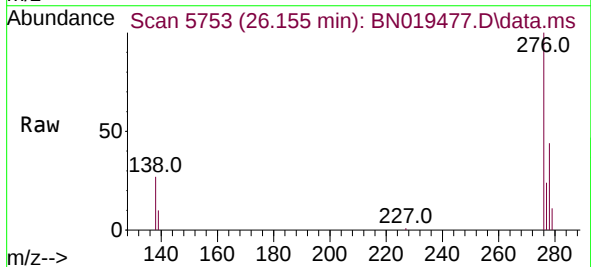
Instrument :
BNA_N
ClientSampleId :
SSTD1.6227

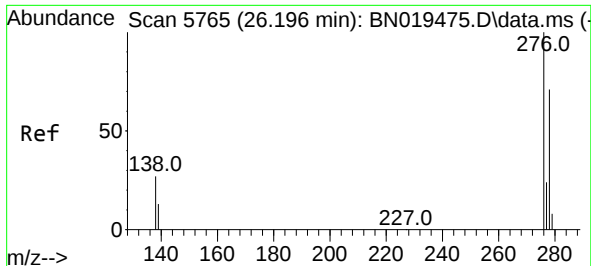
Tgt Ion:252 Resp: 54357
Ion Ratio Lower Upper
252 100
253 23.2 23.4 35.0#
125 17.7 28.3 42.5#



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.419 ng/ul
RT: 26.155 min Scan# 5753
Delta R.T. -0.017 min
Lab File: BN019477.D
Acq: 18 Apr 2022 14:09

Tgt Ion:276 Resp: 56030
Ion Ratio Lower Upper
276 100
138 28.4 23.6 35.4
227 0.2 0.0 0.0#

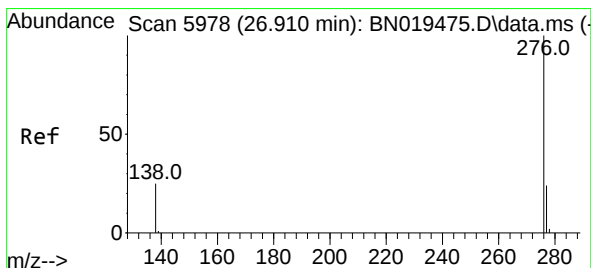
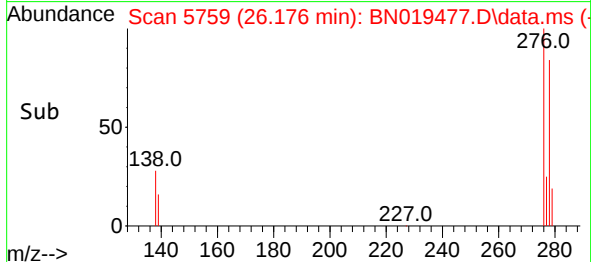
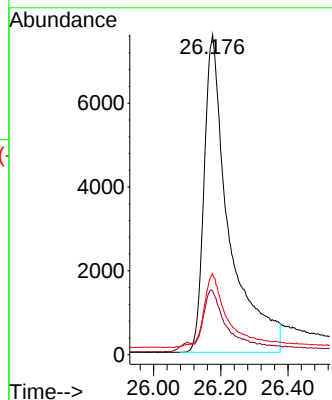
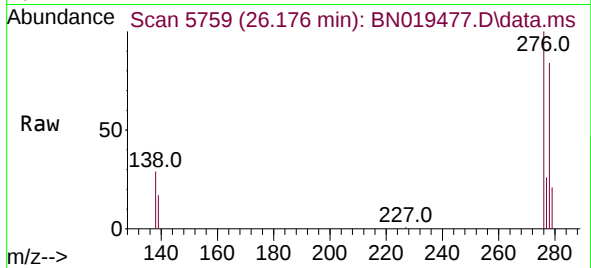




#28
Dibenzo(a,h)anthracene
Concen: 1.387 ng/ul
RT: 26.176 min Scan# 51
Delta R.T. -0.020 min
Lab File: BN019477.D
Acq: 18 Apr 2022 14:09

Instrument :
BNA_N
ClientSampleId :
SSTD1.6227

Tgt Ion:278 Resp: 38977
Ion Ratio Lower Upper
278 100
139 19.9 18.6 28.0
279 25.4 35.1 52.7#



#29
Benzo(g,h,i)perylene
Concen: 1.422 ng/ul
RT: 26.897 min Scan# 5974
Delta R.T. -0.013 min
Lab File: BN019477.D
Acq: 18 Apr 2022 14:09

Tgt Ion:276 Resp: 54228
Ion Ratio Lower Upper
276 100
138 25.1 20.9 31.3
277 24.1 20.4 30.6

