

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062022\
 Data File : BN020287.D
 Acq On : 20 Jun 2022 20:18
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4372

Quant Time: Jun 21 02:38:45 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN061822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 20 01:13:51 2022
 Response via : Initial Calibration

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

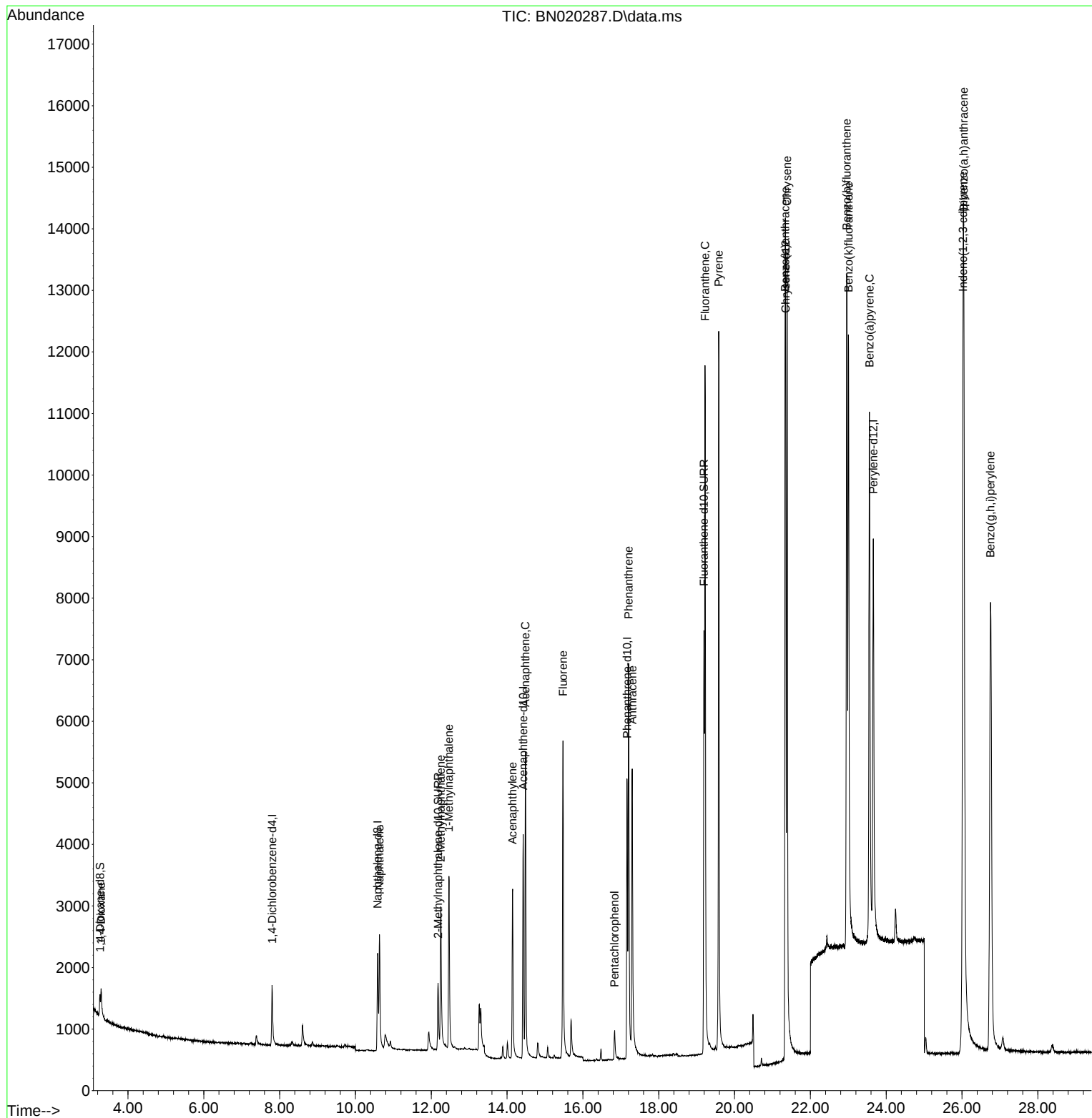
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	713	0.400	ng/ul	0.00
4) Naphthalene-d8	10.584	136	2755	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.423	164	2326	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.166	188	6253	0.400	ng/ul	0.00
17) Chrysene-d12	21.349	240	8515	0.400	ng/ul	0.00
23) Perylene-d12	23.661	264	9569	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.265	96	309	0.380	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.179	152	1833	0.402	ng/ul	0.00
18) Fluoranthene-d10	19.193	212	8342	0.475	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.290	88	307	0.392	ng/ul#	82
5) Naphthalene	10.634	128	3158	0.358	ng/ul	99
7) 2-Methylnaphthalene	12.251	142	2154	0.378	ng/ul	99
8) 1-Methylnaphthalene	12.465	142	2318	0.413	ng/ul	99
10) Acenaphthylene	14.146	152	4066	0.365	ng/ul	99
11) Acenaphthene	14.483	153	3270	0.307	ng/ul	98
12) Fluorene	15.473	166	4084	0.371	ng/ul	99
14) Pentachlorophenol	16.833	266	472	0.393	ng/ul	97
15) Phenanthrene	17.204	178	7929	0.350	ng/ul	99
16) Anthracene	17.302	178	6768	0.353	ng/ul	99
19) Fluoranthene	19.220	202	10656	0.310	ng/ul	97
20) Pyrene	19.583	202	11474	0.308	ng/ul	99
21) Benzo(a)anthracene	21.334	228	10798	0.327	ng/ul	100
22) Chrysene	21.384	228	12549	0.305	ng/ul	100
24) Benzo(b)fluoranthene	22.959	252	14597	0.214	ng/ul	97
25) Benzo(k)fluoranthene	23.006	252	14933	0.235	ng/ul	99
26) Benzo(a)pyrene	23.559	252	14571	0.337	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.029	276	19672	0.279	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.045	278	15884	0.283	ng/ul	99
29) Benzo(g,h,i)perylene	26.753	276	17680	0.284	ng/ul	99

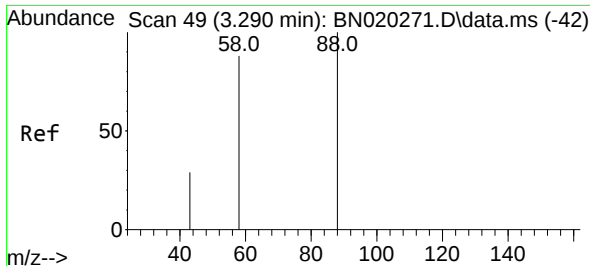
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 21 02:38:45 2022
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QLast Update : Mon Jun 20 01:13:51 2022
Response via : Initial Calibration

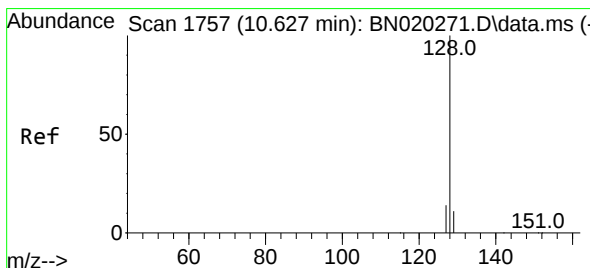
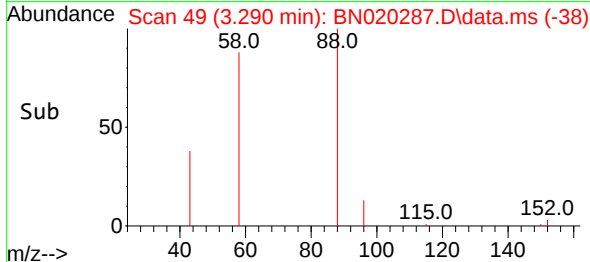
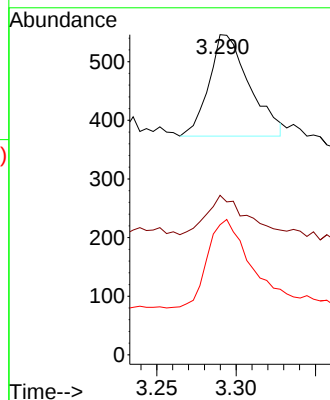
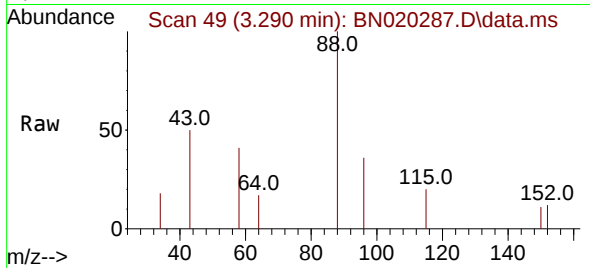




#2
1,4-Dioxane
Concen: 0.392 ng/ul
RT: 3.290 min Scan# 49
Delta R.T. -0.004 min
Lab File: BN020287.D
Acq: 20 Jun 2022 20:18

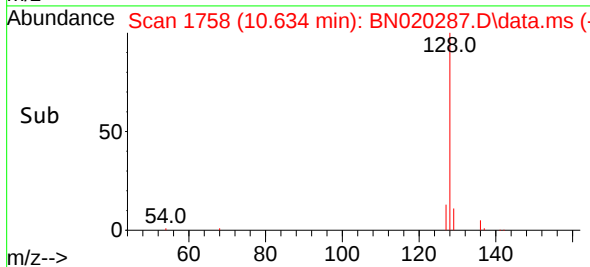
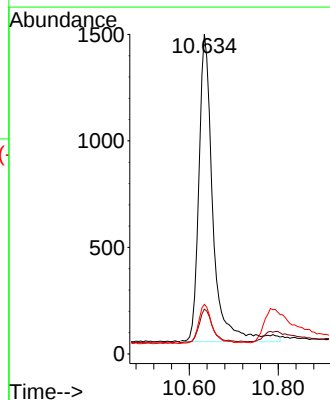
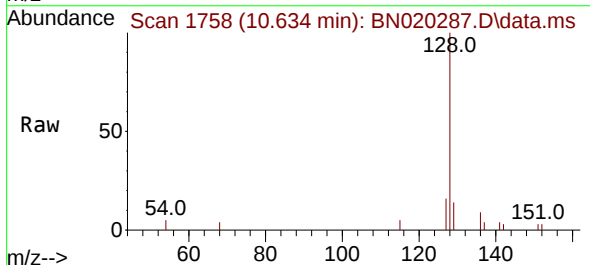
Instrument :
BNA_N
ClientSampleId :
SSTD0.4372

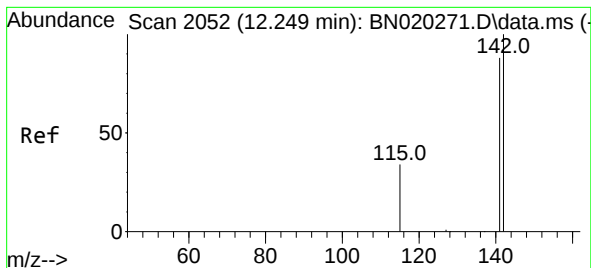
Tgt Ion: 88 Resp: 307
Ion Ratio Lower Upper
88 100
43 49.8 31.6 47.4#
58 40.7 23.8 35.6#



#5
Naphthalene
Concen: 0.358 ng/ul
RT: 10.634 min Scan# 1758
Delta R.T. 0.000 min
Lab File: BN020287.D
Acq: 20 Jun 2022 20:18

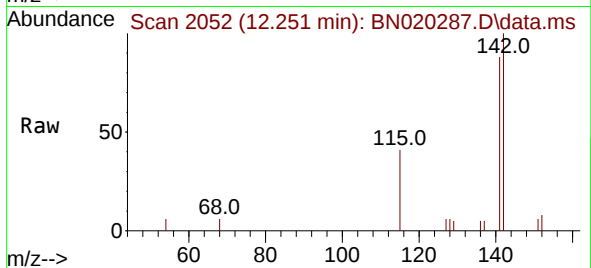
Tgt Ion: 128 Resp: 3158
Ion Ratio Lower Upper
128 100
129 14.0 11.0 16.4
127 15.5 12.8 19.2



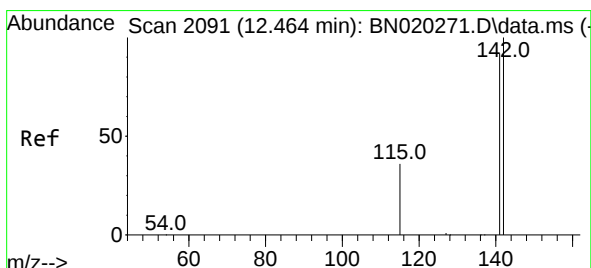
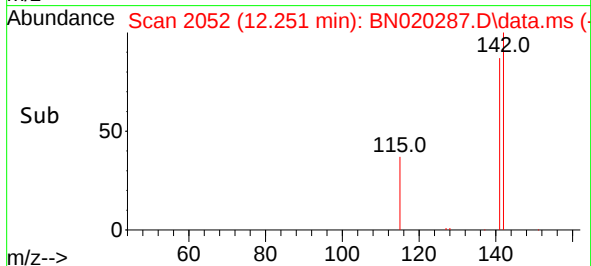
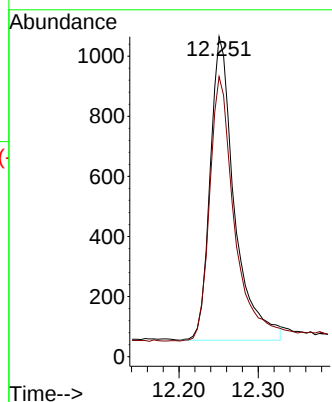


#7
2-Methylnaphthalene
Concen: 0.378 ng/ul
RT: 12.251 min Scan# 2052
Delta R.T. 0.000 min
Lab File: BN020287.D
Acq: 20 Jun 2022 20:18

Instrument :
BNA_N
ClientSampleId :
SSTD0.4372

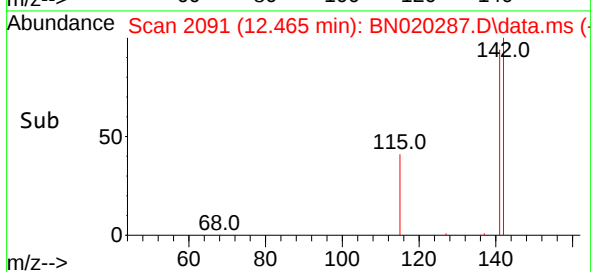
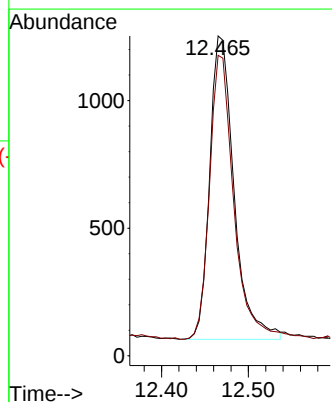
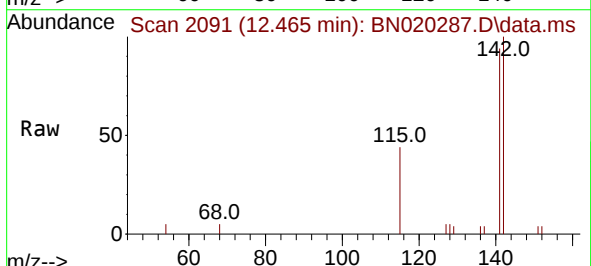


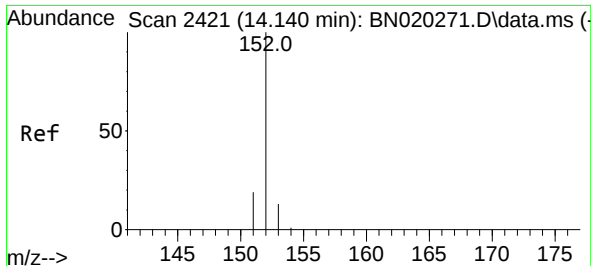
Tgt Ion:142 Resp: 2154
Ion Ratio Lower Upper
142 100
141 89.3 71.8 107.8



#8
1-Methylnaphthalene
Concen: 0.413 ng/ul
RT: 12.465 min Scan# 2091
Delta R.T. 0.000 min
Lab File: BN020287.D
Acq: 20 Jun 2022 20:18

Tgt Ion:142 Resp: 2318
Ion Ratio Lower Upper
142 100
141 93.1 73.4 110.0

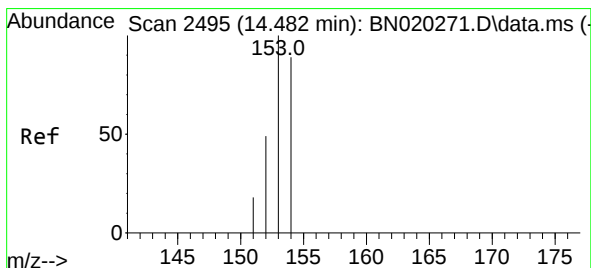
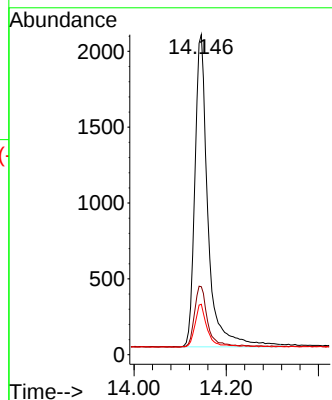
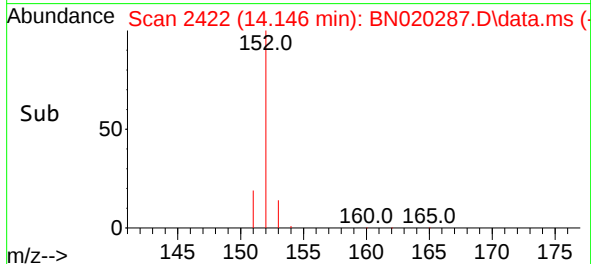
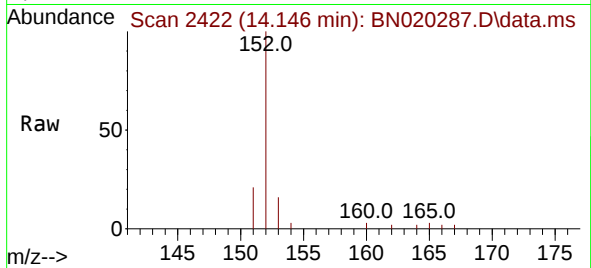




#10
Acenaphthylene
Concen: 0.365 ng/ul
RT: 14.146 min Scan# 2421
Delta R.T. 0.005 min
Lab File: BN020287.D
Acq: 20 Jun 2022 20:18

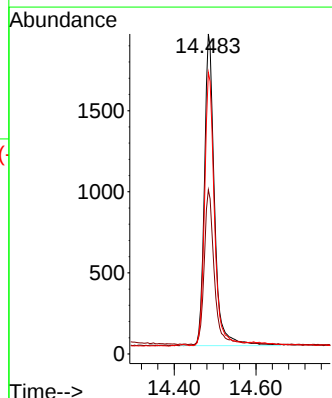
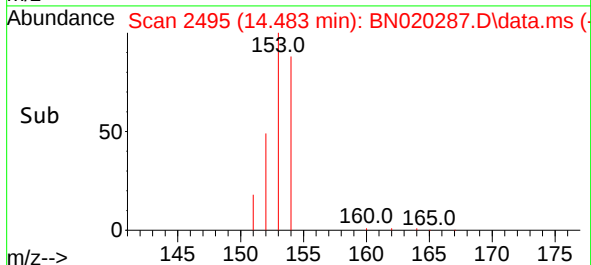
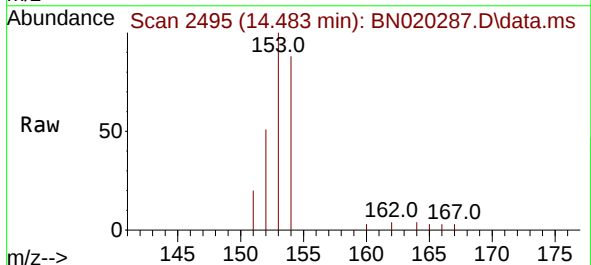
Instrument :
BNA_N
ClientSampleId :
SSTD0.4372

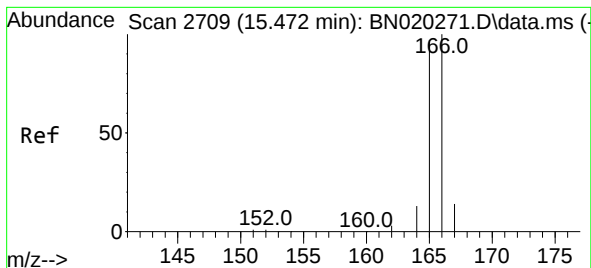
Tgt Ion:152 Resp: 4066
Ion Ratio Lower Upper
152 100
151 21.3 17.2 25.8
153 15.8 11.7 17.5



#11
Acenaphthene
Concen: 0.307 ng/ul
RT: 14.483 min Scan# 2495
Delta R.T. 0.000 min
Lab File: BN020287.D
Acq: 20 Jun 2022 20:18

Tgt Ion:153 Resp: 3270
Ion Ratio Lower Upper
153 100
152 51.3 39.9 59.9
154 87.9 69.2 103.8





#12

Fluorene

Concen: 0.371 ng/ul

RT: 15.473 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN020287.D

Acq: 20 Jun 2022 20:18

Instrument :

BNA_N

ClientSampleId :

SSTD0.4372

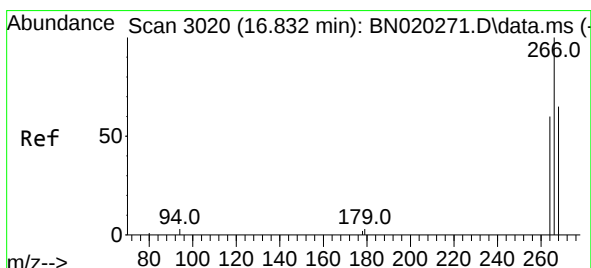
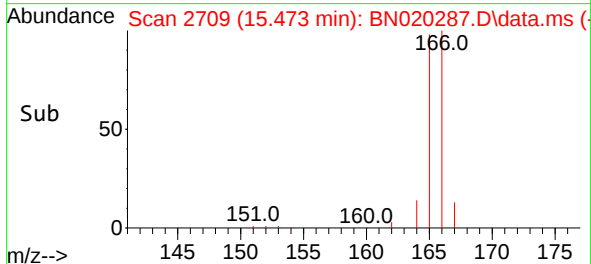
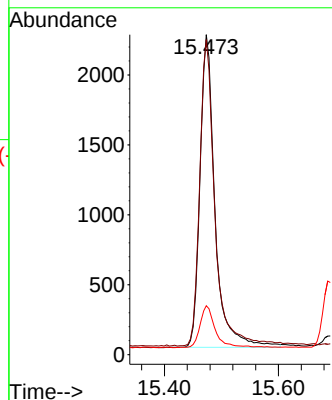
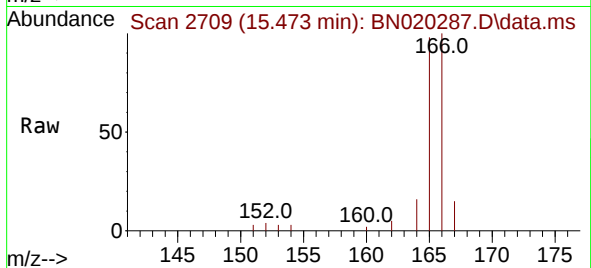
Tgt Ion:166 Resp: 4084

Ion Ratio Lower Upper

166 100

165 98.5 78.2 117.4

167 15.3 12.1 18.1



#14

Pentachlorophenol

Concen: 0.393 ng/ul

RT: 16.833 min Scan# 3020

Delta R.T. -0.004 min

Lab File: BN020287.D

Acq: 20 Jun 2022 20:18

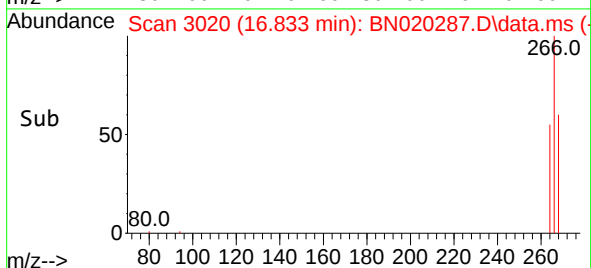
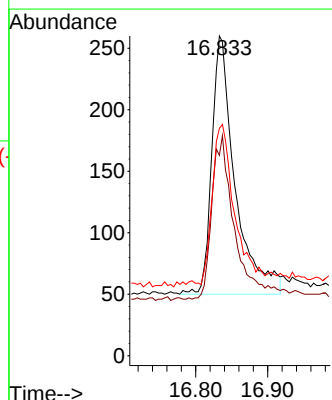
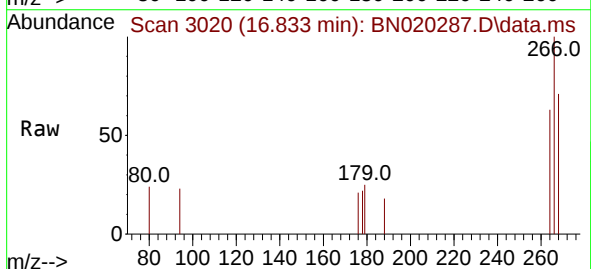
Tgt Ion:266 Resp: 472

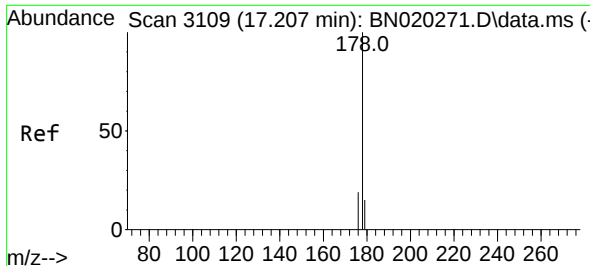
Ion Ratio Lower Upper

266 100

264 61.7 49.8 74.8

268 61.0 51.8 77.6

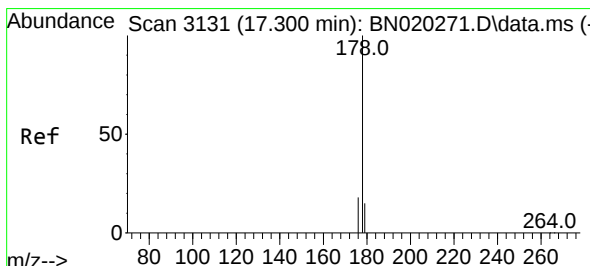
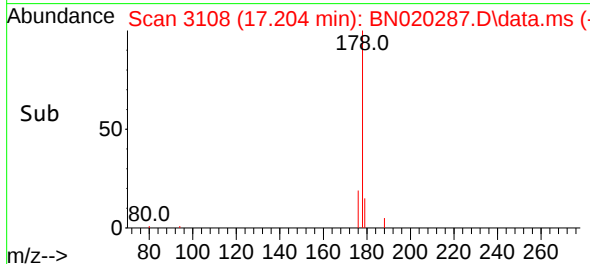
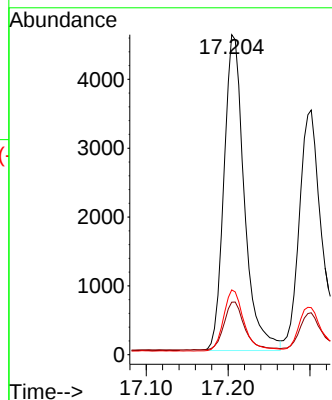
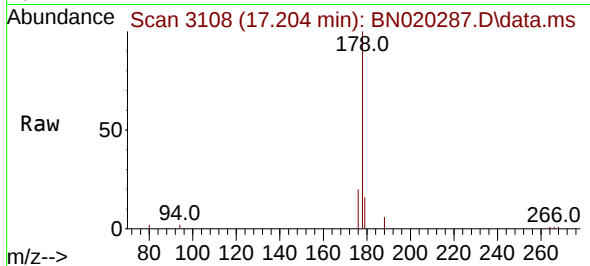




#15
Phenanthrene
Concen: 0.350 ng/ul
RT: 17.204 min Scan# 3108
Delta R.T. 0.000 min
Lab File: BN020287.D
Acq: 20 Jun 2022 20:18

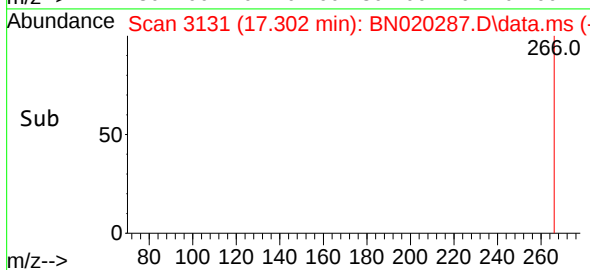
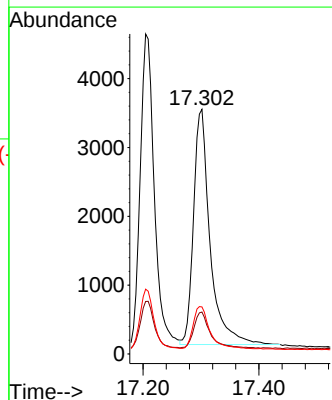
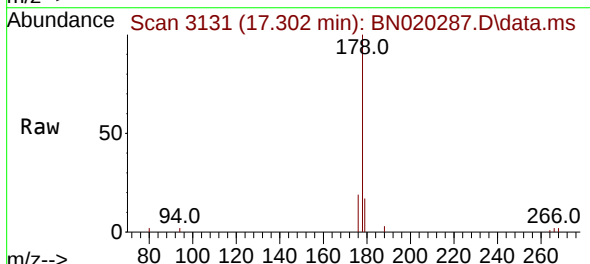
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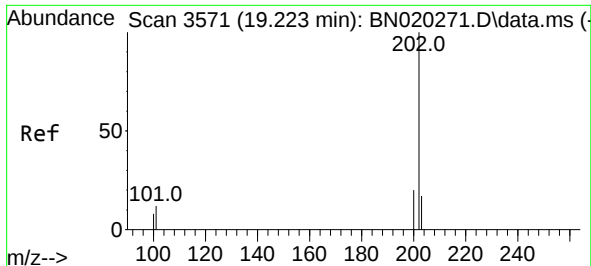
Tgt Ion:178 Resp: 7929
Ion Ratio Lower Upper
178 100
179 16.4 13.4 20.0
176 20.2 15.8 23.6



#16
Anthracene
Concen: 0.353 ng/ul
RT: 17.302 min Scan# 3131
Delta R.T. 0.000 min
Lab File: BN020287.D
Acq: 20 Jun 2022 20:18

Tgt Ion:178 Resp: 6768
Ion Ratio Lower Upper
178 100
179 17.1 13.8 20.8
176 19.2 15.6 23.4

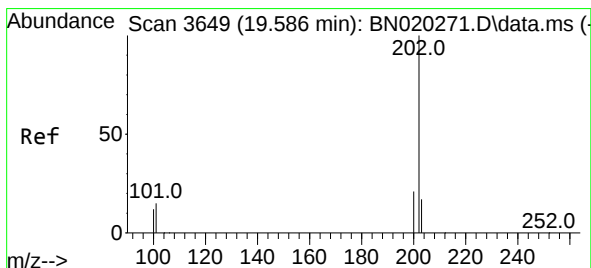
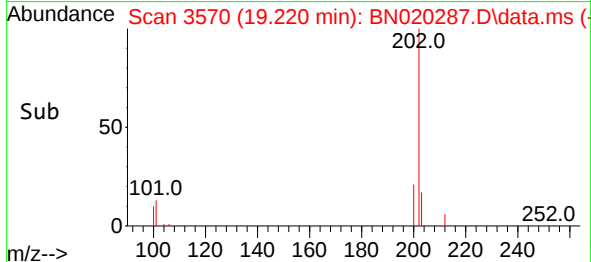
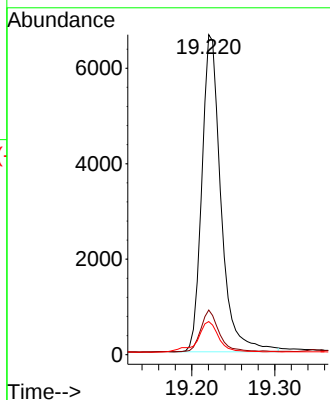
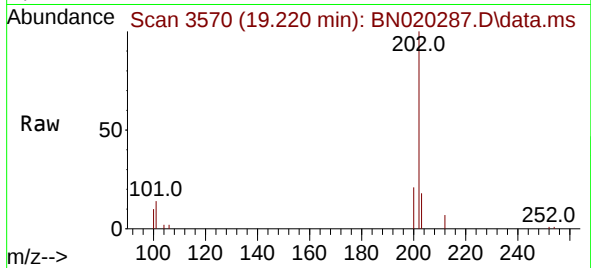




#19
Fluoranthene
Concen: 0.310 ng/ul
RT: 19.220 min Scan# 3571
Delta R.T. -0.005 min
Lab File: BN020287.D
Acq: 20 Jun 2022 20:18

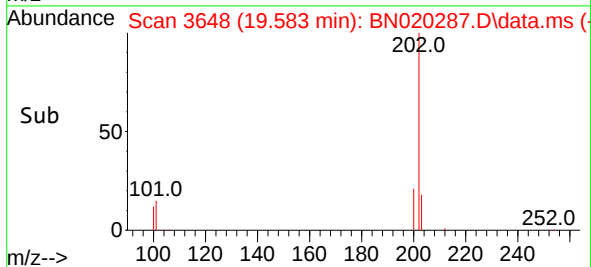
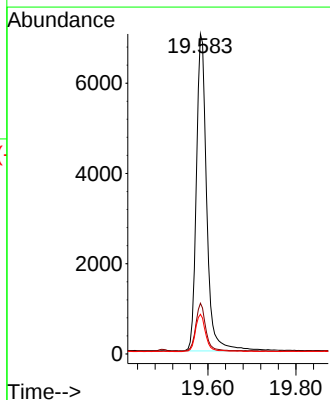
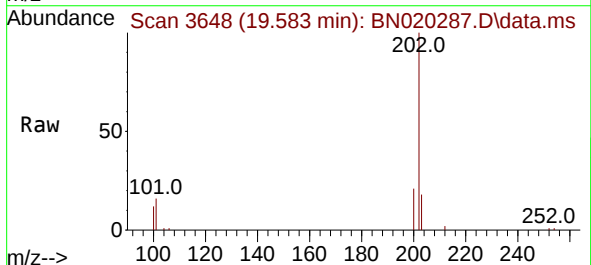
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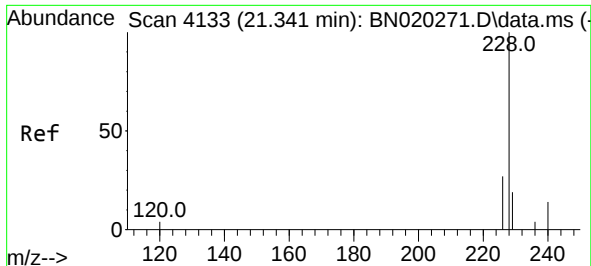
Tgt Ion:202 Resp: 10656
Ion Ratio Lower Upper
202 100
101 13.9 9.9 14.9
100 10.3 7.6 11.4



#20
Pyrene
Concen: 0.308 ng/ul
RT: 19.583 min Scan# 3648
Delta R.T. 0.000 min
Lab File: BN020287.D
Acq: 20 Jun 2022 20:18

Tgt Ion:202 Resp: 11474
Ion Ratio Lower Upper
202 100
101 15.8 12.6 19.0
100 12.4 10.3 15.5

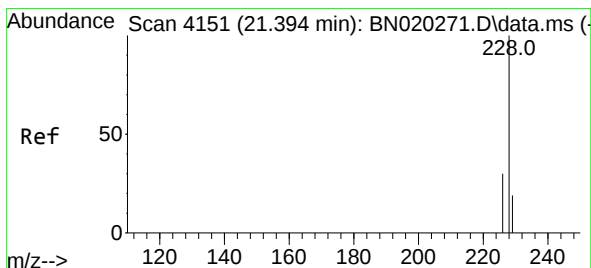
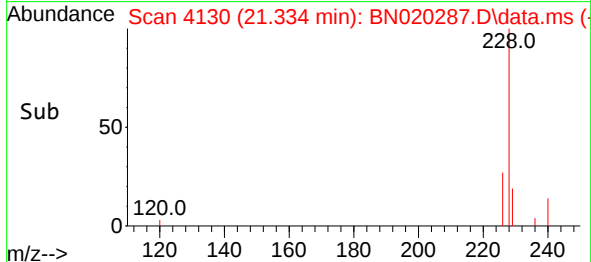
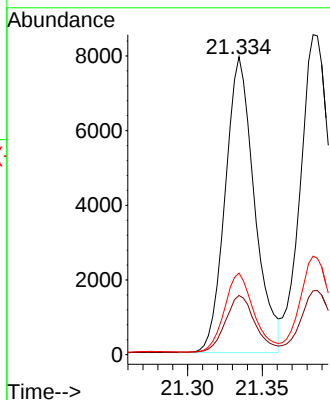
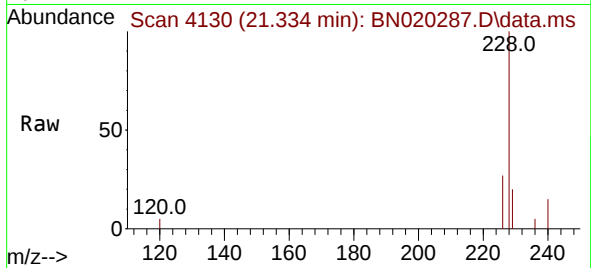




#21
Benzo(a)anthracene
Concen: 0.327 ng/ul
RT: 21.334 min Scan# 4133
Delta R.T. -0.004 min
Lab File: BN020287.D
Acq: 20 Jun 2022 20:18

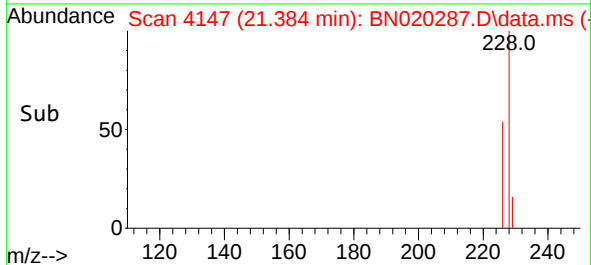
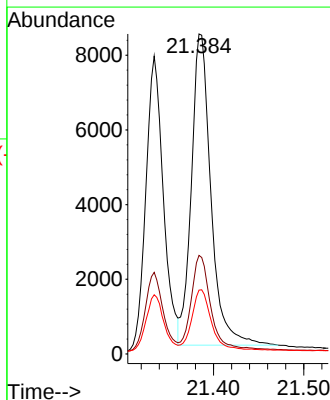
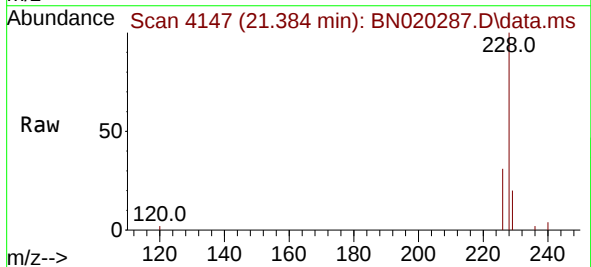
Instrument :
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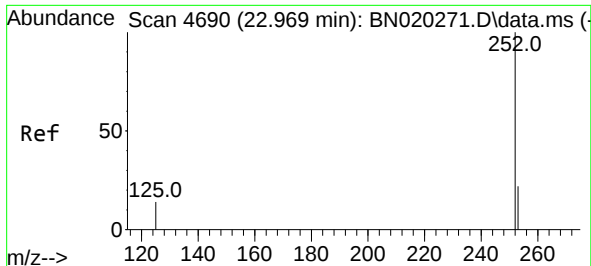
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Ion Ratio Lower Upper
228 100
229 19.9 16.0 24.0
226 27.4 21.8 32.6



#22
Chrysene
Concen: 0.305 ng/ul
RT: 21.384 min Scan# 4147
Delta R.T. -0.004 min
Lab File: BN020287.D
Acq: 20 Jun 2022 20:18

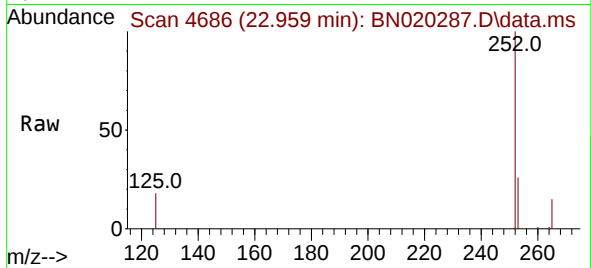
Tgt Ion:228 Resp: 12549
Ion Ratio Lower Upper
228 100
226 30.8 24.7 37.1
229 19.9 16.0 24.0



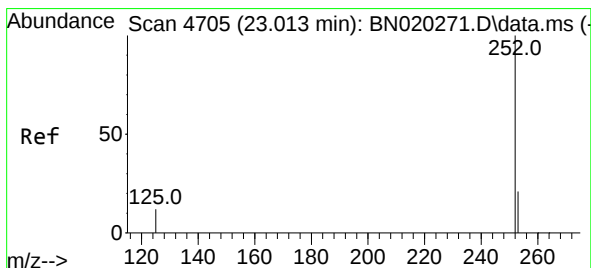
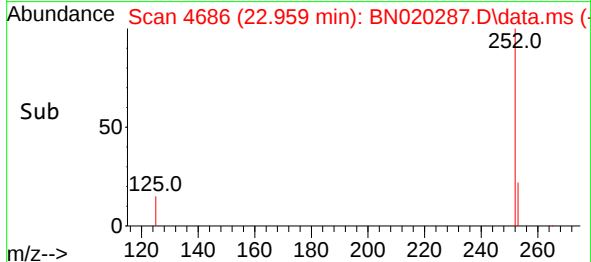
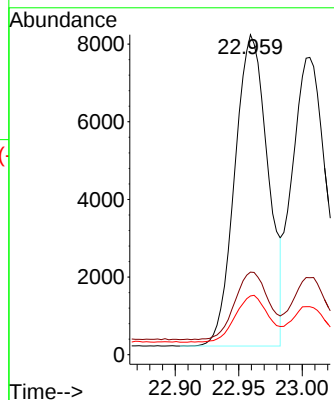


#24
Benzo(b)fluoranthene
Concen: 0.214 ng/ul
RT: 22.959 min Scan# 4686
Delta R.T. -0.007 min
Lab File: BN020287.D
Acq: 20 Jun 2022 20:18

Instrument :
BNA_N
ClientSampleId :
SSTD0.4372

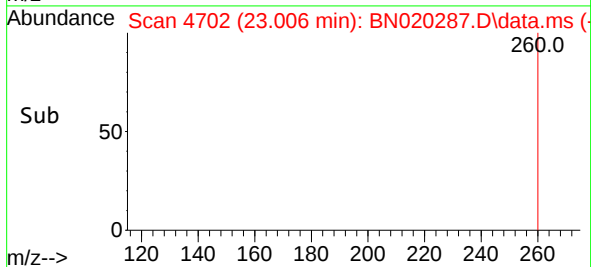
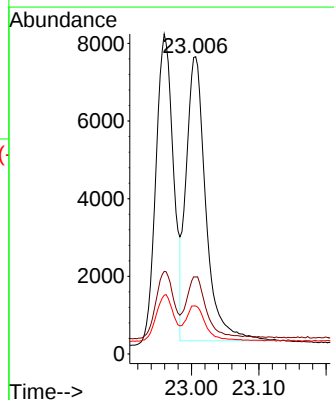
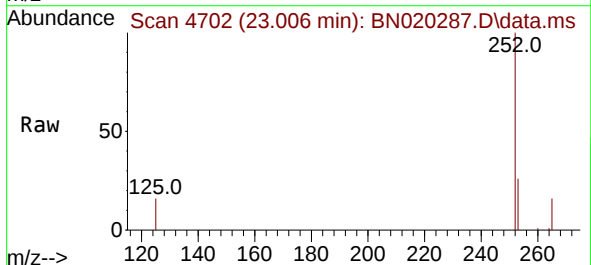


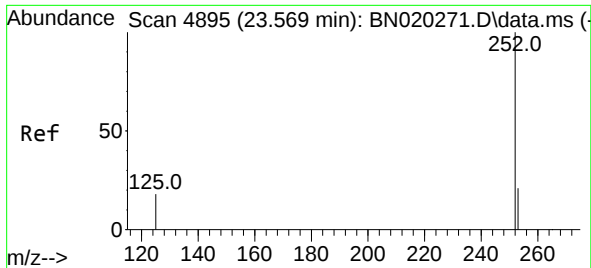
Tgt Ion:252 Resp: 14597
Ion Ratio Lower Upper
252 100
253 25.8 0.0 49.4
125 18.3 0.0 33.2



#25
Benzo(k)fluoranthene
Concen: 0.235 ng/ul
RT: 23.006 min Scan# 4702
Delta R.T. -0.004 min
Lab File: BN020287.D
Acq: 20 Jun 2022 20:18

Tgt Ion:252 Resp: 14933
Ion Ratio Lower Upper
252 100
253 25.9 20.2 30.4
125 16.2 12.3 18.5

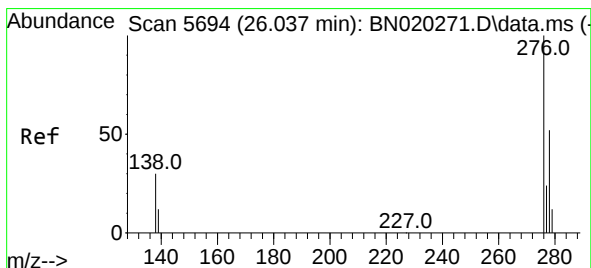
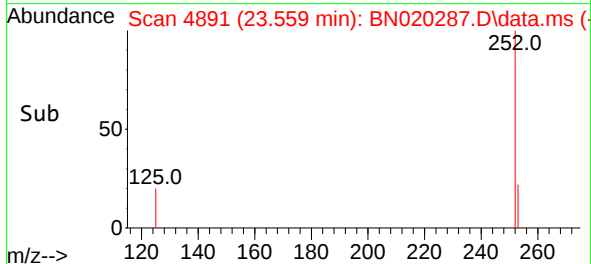
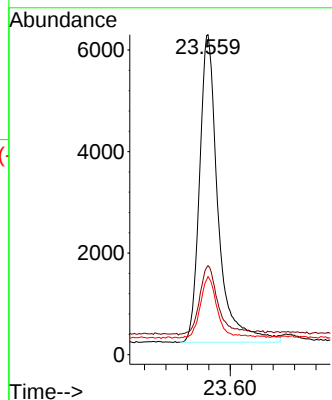
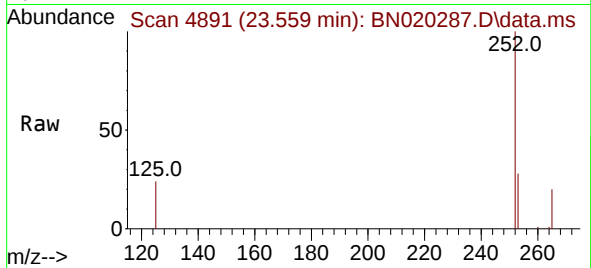




#26
Benzo(a)pyrene
Concen: 0.337 ng/ul
RT: 23.559 min Scan# 4891
Delta R.T. -0.004 min
Lab File: BN020287.D
Acq: 20 Jun 2022 20:18

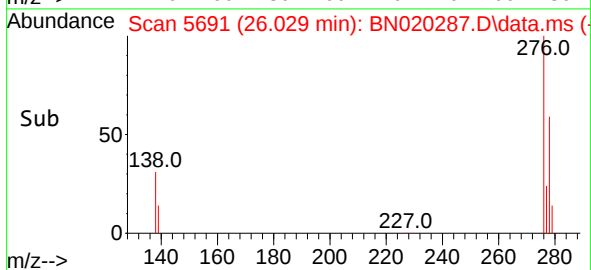
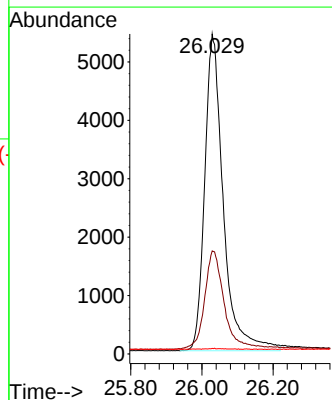
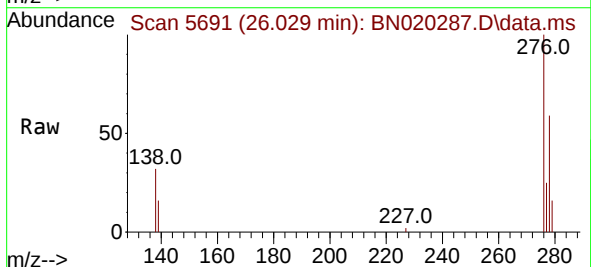
Instrument :
BNA_N
ClientSampleId :
SSTD0.4372

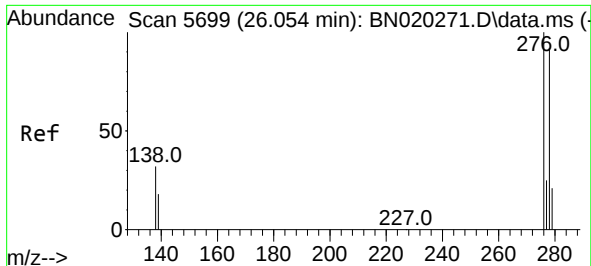
Tgt Ion:252	Resp:	14571
Ion Ratio	Lower	Upper
252	100	
253	27.8	21.7 32.5
125	24.4	18.6 28.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.279 ng/ul
RT: 26.029 min Scan# 5691
Delta R.T. -0.012 min
Lab File: BN020287.D
Acq: 20 Jun 2022 20:18

Tgt Ion:276	Resp:	19672
Ion Ratio	Lower	Upper
276	100	
138	33.0	26.5 39.7
227	0.1	0.0 0.0#

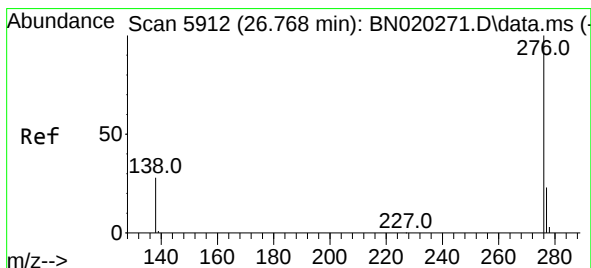
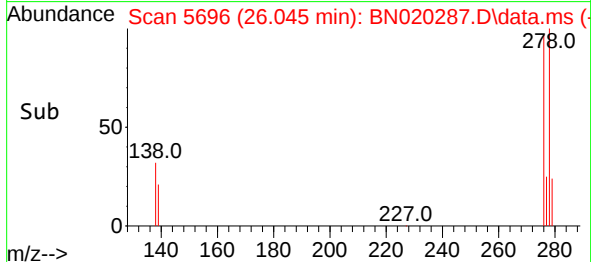
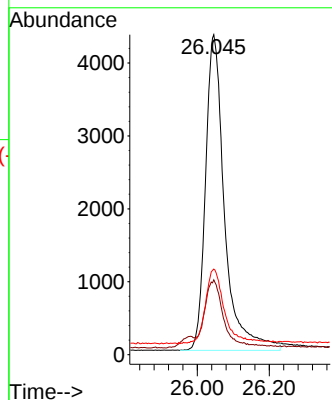
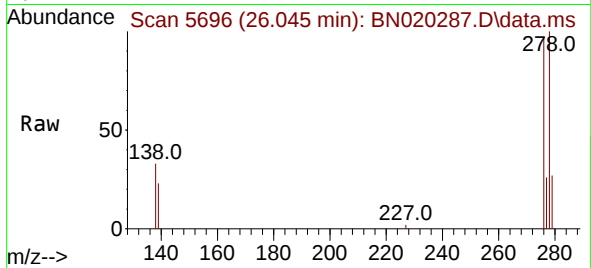




#28
Dibenzo(a,h)anthracene
Concen: 0.283 ng/ul
RT: 26.045 min Scan# 51
Delta R.T. -0.005 min
Lab File: BN020287.D
Acq: 20 Jun 2022 20:18

Instrument :
BNA_N
ClientSampleId :
SSTD0.4372

Tgt Ion:278 Resp: 15884
Ion Ratio Lower Upper
278 100
139 23.4 18.2 27.2
279 26.7 20.8 31.2



#29
Benzo(g,h,i)perylene
Concen: 0.284 ng/ul
RT: 26.753 min Scan# 5907
Delta R.T. -0.012 min
Lab File: BN020287.D
Acq: 20 Jun 2022 20:18

Tgt Ion:276 Resp: 17680
Ion Ratio Lower Upper
276 100
138 29.8 23.0 34.4
277 24.5 19.7 29.5

