

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062022\
 Data File : BN020295.D
 Acq On : 21 Jun 2022 01:42
 Operator : CG/JU
 Sample : PB145550BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS550

Quant Time: Jun 21 02:39:14 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)

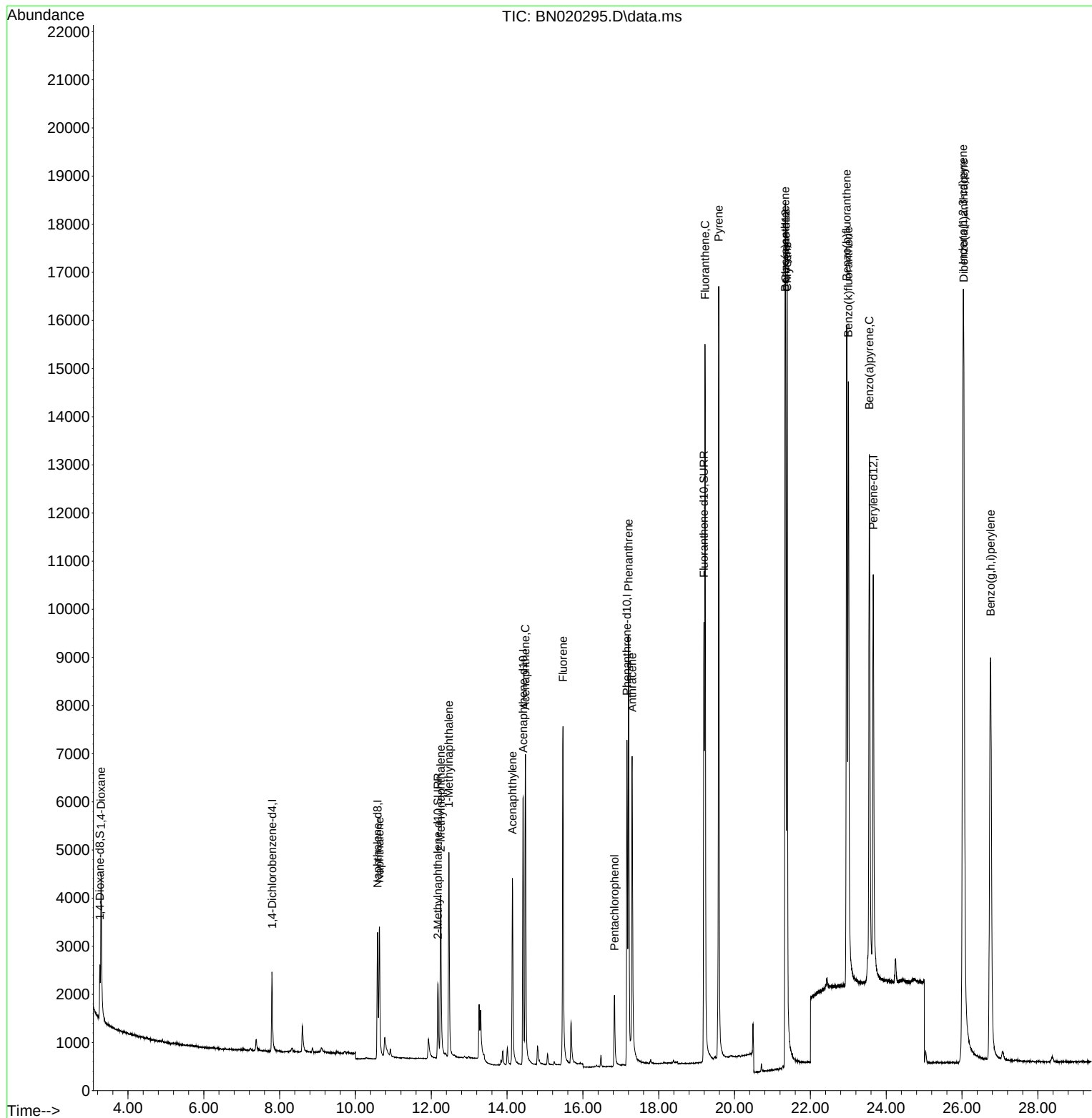
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.800	152	1126	0.400	ng/ul	0.00
4) Naphthalene-d8	10.584	136	4388	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.423	164	3628	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.162	188	9335	0.400	ng/ul	0.00
17) Chrysene-d12	21.349	240	11634	0.400	ng/ul	0.00
23) Perylene-d12	23.661	264	12497	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.256	96	844	0.656	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.174	152	2668	0.368	ng/ul	0.00
18) Fluoranthene-d10	19.192	212	10918	0.455	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.290	88	2129	1.720	ng/ul#	70
5) Naphthalene	10.634	128	4361	0.311	ng/ul	99
7) 2-Methylnaphthalene	12.251	142	3058	0.337	ng/ul	100
8) 1-Methylnaphthalene	12.465	142	3311	0.371	ng/ul	98
10) Acenaphthylene	14.141	152	5618	0.324	ng/ul	99
11) Acenaphthene	14.483	153	4492	0.271	ng/ul	99
12) Fluorene	15.473	166	5553	0.323	ng/ul	99
14) Pentachlorophenol	16.833	266	1269	0.708	ng/ul	99
15) Phenanthrene	17.204	178	10540	0.312	ng/ul	99
16) Anthracene	17.297	178	9042	0.316	ng/ul	98
19) Fluoranthene	19.220	202	14136	0.301	ng/ul	98
20) Pyrene	19.583	202	14959	0.294	ng/ul	98
21) Benzo(a)anthracene	21.334	228	14266	0.316	ng/ul	100
22) Chrysene	21.384	228	16476	0.293	ng/ul	100
24) Benzo(b)fluoranthene	22.959	252	18694	0.210	ng/ul	99
25) Benzo(k)fluoranthene	23.003	252	18772	0.226	ng/ul	99
26) Benzo(a)pyrene	23.556	252	18325	0.324	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.029	276	23285	0.253	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.045	278	18782	0.256	ng/ul	100
29) Benzo(g,h,i)perylene	26.756	276	20616	0.254	ng/ul	99

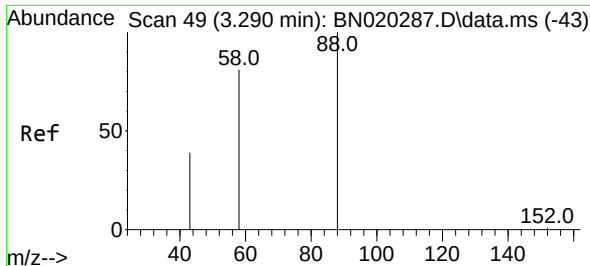
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 21 02:39:14 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

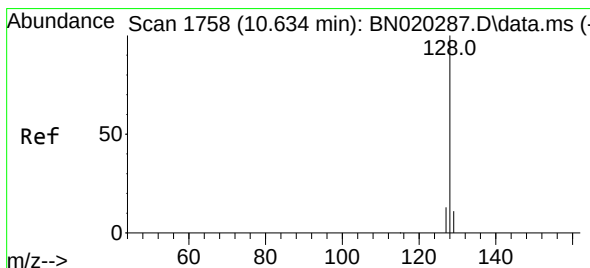
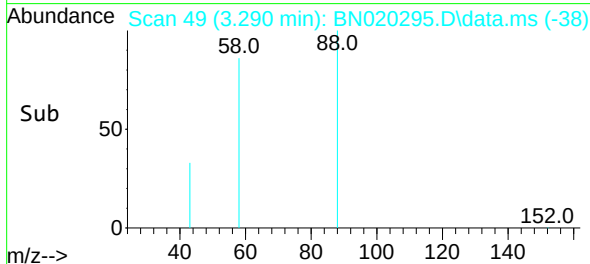
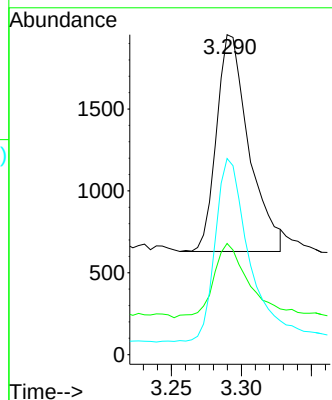
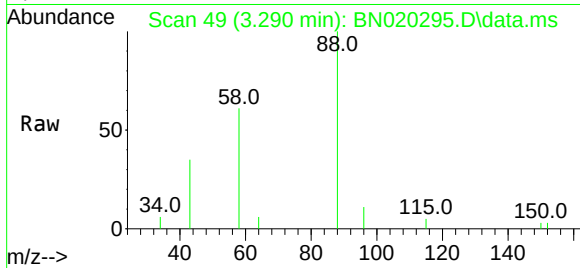




#2
1,4-Dioxane
Concen: 1.720 ng/ul
RT: 3.290 min Scan# 49
Delta R.T. -0.004 min
Lab File: BN020295.D
Acq: 21 Jun 2022 01:42

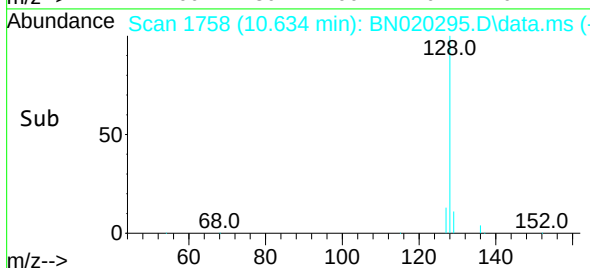
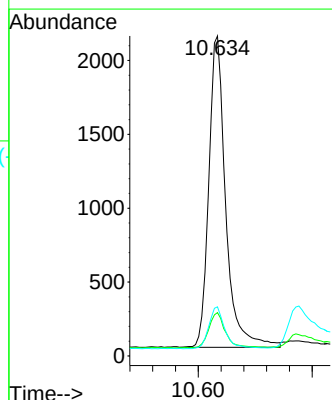
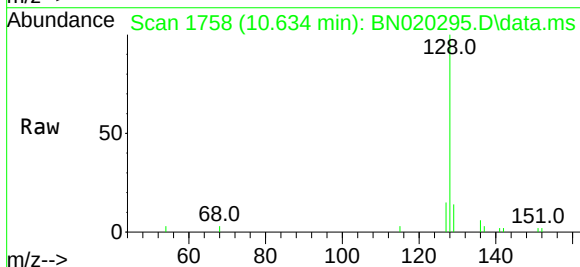
Instrument :
BNA_N
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SLCS550

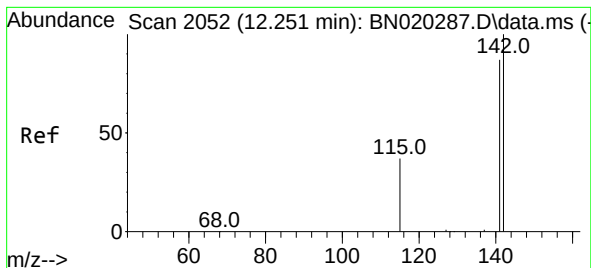
Tgt Ion: 88 Resp: 2129
Ion Ratio Lower Upper
88 100
43 34.7 31.6 47.4
58 61.3 23.8 35.6#



#5
Naphthalene
Concen: 0.311 ng/ul
RT: 10.634 min Scan# 1758
Delta R.T. -0.000 min
Lab File: BN020295.D
Acq: 21 Jun 2022 01:42

Tgt Ion: 128 Resp: 4361
Ion Ratio Lower Upper
128 100
129 13.5 11.0 16.4
127 15.3 12.8 19.2

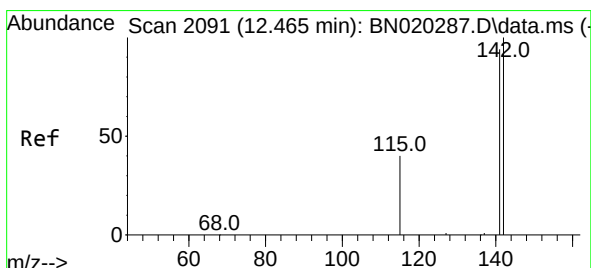
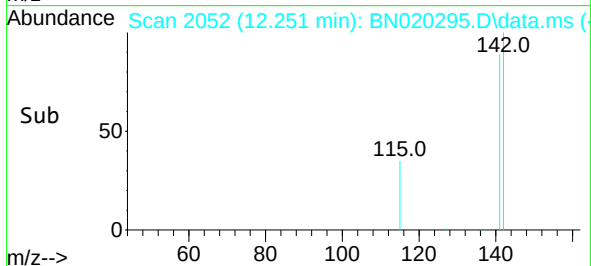
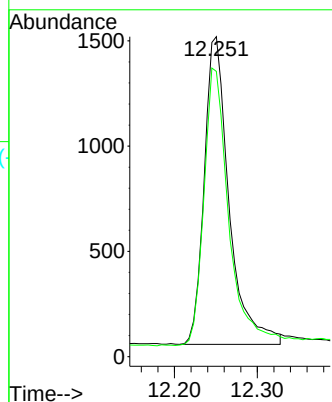
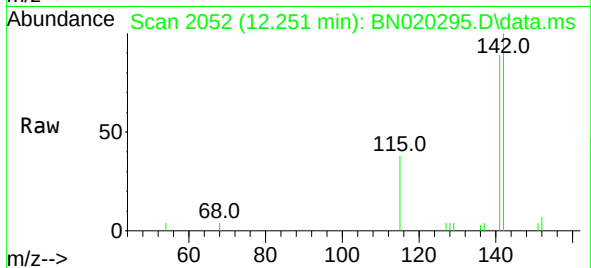




#7
2-Methylnaphthalene
Concen: 0.337 ng/ul
RT: 12.251 min Scan# 2052
Delta R.T. -0.000 min
Lab File: BN020295.D
Acq: 21 Jun 2022 01:42

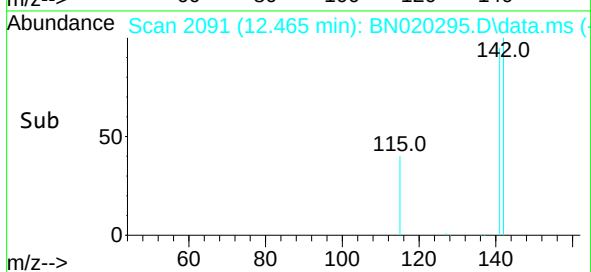
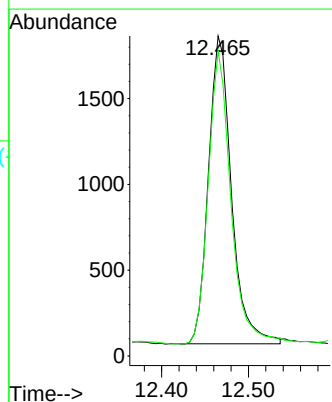
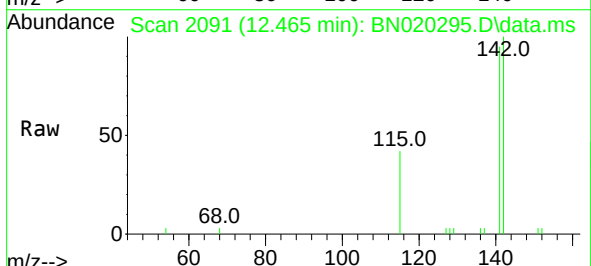
Instrument :
BNA_N
ClientSampleId :
SLCS550

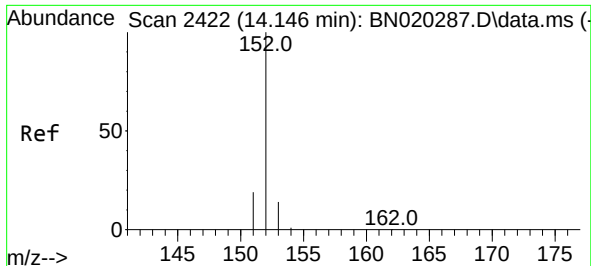
Tgt Ion:142 Resp: 3058
Ion Ratio Lower Upper
142 100
141 90.3 71.8 107.8



#8
1-Methylnaphthalene
Concen: 0.371 ng/ul
RT: 12.465 min Scan# 2091
Delta R.T. -0.000 min
Lab File: BN020295.D
Acq: 21 Jun 2022 01:42

Tgt Ion:142 Resp: 3311
Ion Ratio Lower Upper
142 100
141 93.4 73.4 110.0

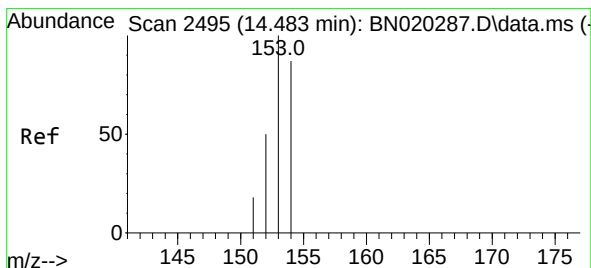
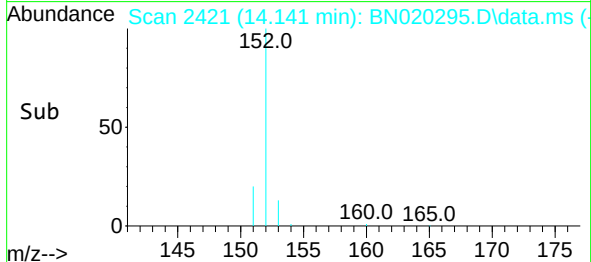
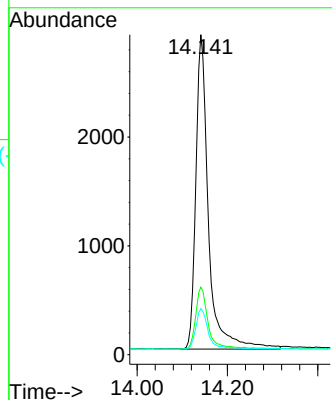
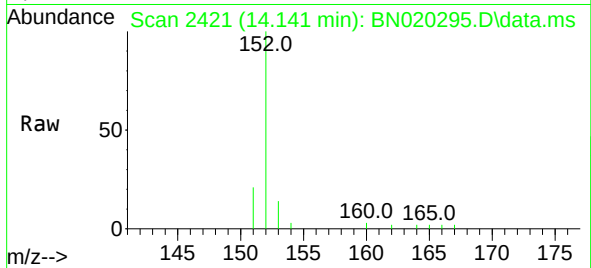




#10
Acenaphthylene
Concen: 0.324 ng/ul
RT: 14.141 min Scan# 2421
Delta R.T. -0.000 min
Lab File: BN020295.D
Acq: 21 Jun 2022 01:42

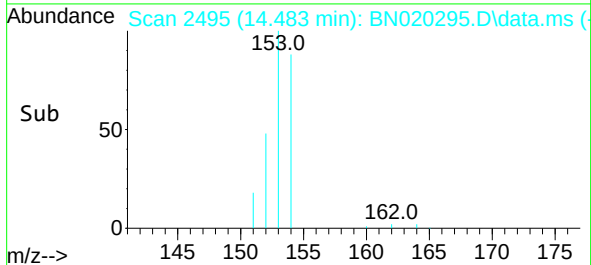
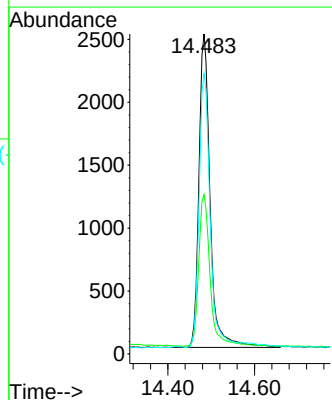
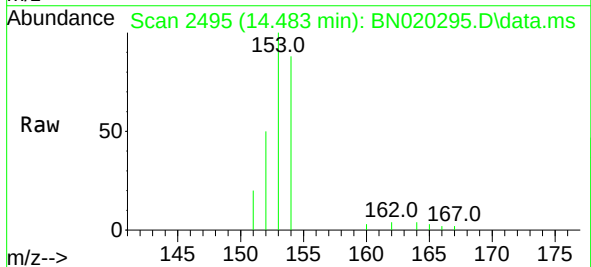
Instrument :
BNA_N
ClientSampleId :
SLCS550

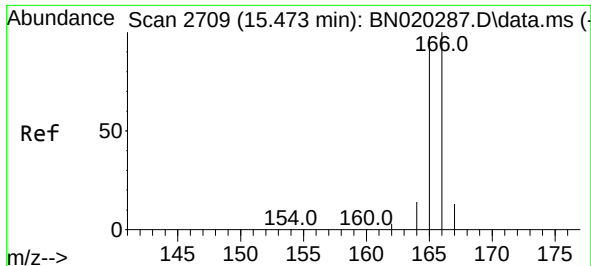
Tgt Ion:152 Resp: 5618
Ion Ratio Lower Upper
152 100
151 21.1 17.2 25.8
153 14.4 11.7 17.5



#11
Acenaphthene
Concen: 0.271 ng/ul
RT: 14.483 min Scan# 2495
Delta R.T. -0.000 min
Lab File: BN020295.D
Acq: 21 Jun 2022 01:42

Tgt Ion:153 Resp: 4492
Ion Ratio Lower Upper
153 100
152 49.8 39.9 59.9
154 87.7 69.2 103.8

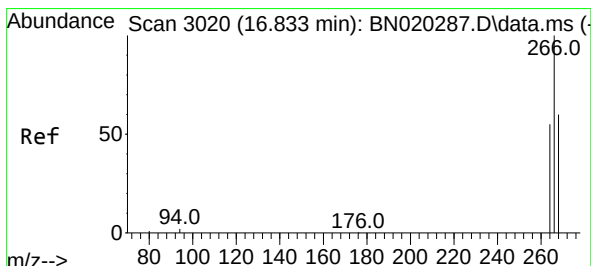
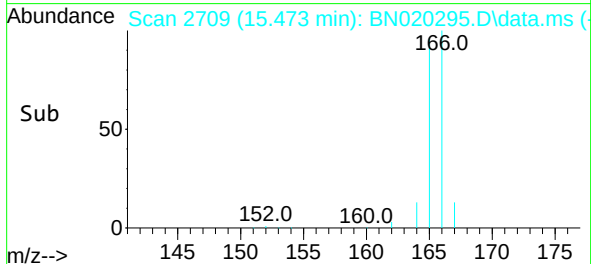
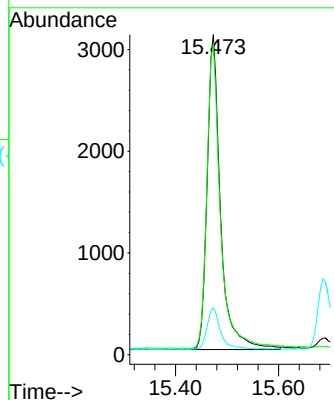
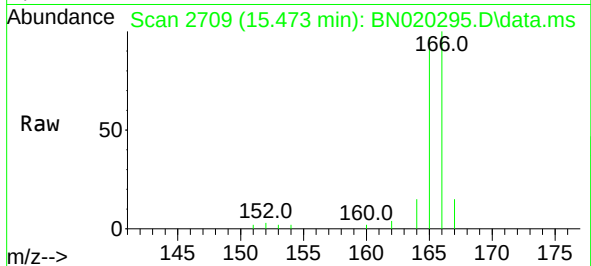




#12
Fluorene
Concen: 0.323 ng/ul
RT: 15.473 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN020295.D
Acq: 21 Jun 2022 01:42

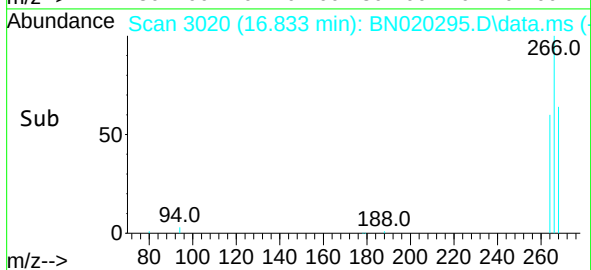
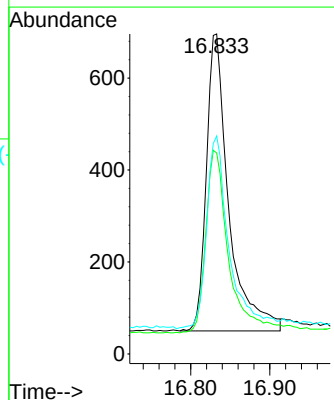
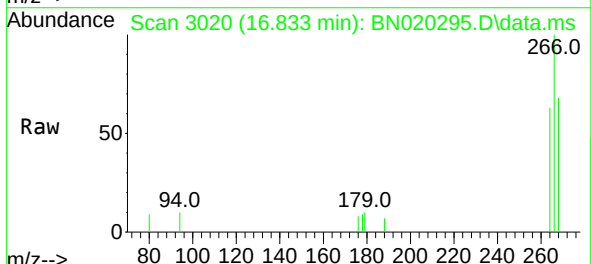
Instrument :
BNA_N
ClientSampleId :
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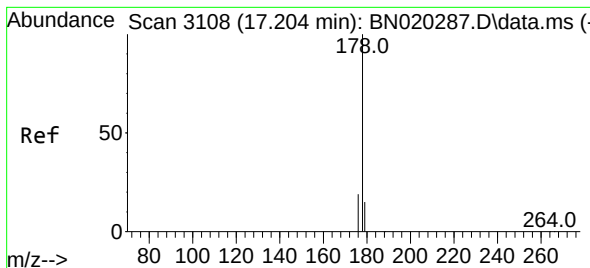
Tgt Ion:166 Resp: 5553
Ion Ratio Lower Upper
166 100
165 96.7 78.2 117.4
167 14.7 12.1 18.1



#14
Pentachlorophenol
Concen: 0.708 ng/ul
RT: 16.833 min Scan# 3020
Delta R.T. -0.004 min
Lab File: BN020295.D
Acq: 21 Jun 2022 01:42

Tgt Ion:266 Resp: 1269
Ion Ratio Lower Upper
266 100
264 63.0 49.8 74.8
268 65.2 51.8 77.6





#15

Phenanthrene

Concen: 0.312 ng/ul

RT: 17.204 min Scan# 3108

Delta R.T. -0.000 min

Lab File: BN020295.D

Acq: 21 Jun 2022 01:42

Instrument :

BNA_N

ClientSampleId :

SLCS550

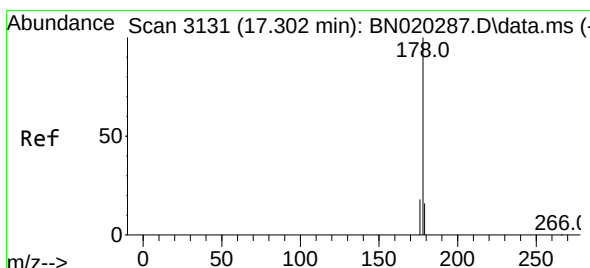
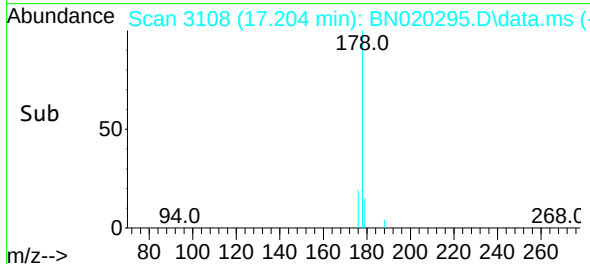
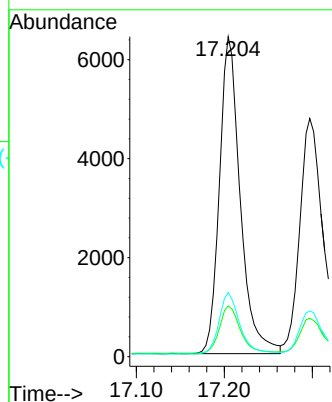
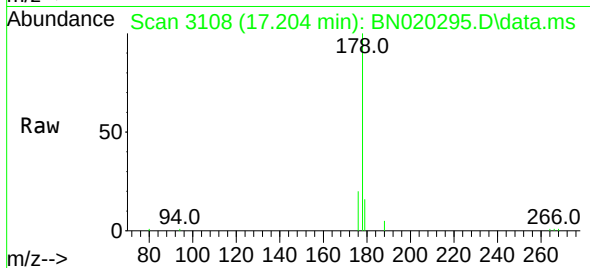
Tgt Ion:178 Resp: 10540

Ion Ratio Lower Upper

178 100

179 15.9 13.4 20.0

176 20.0 15.8 23.6



#16

Anthracene

Concen: 0.316 ng/ul

RT: 17.297 min Scan# 3130

Delta R.T. -0.004 min

Lab File: BN020295.D

Acq: 21 Jun 2022 01:42

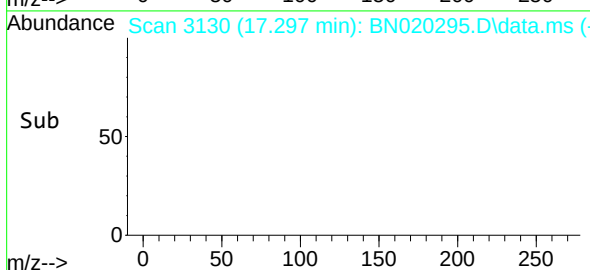
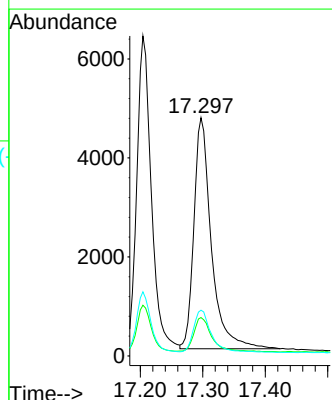
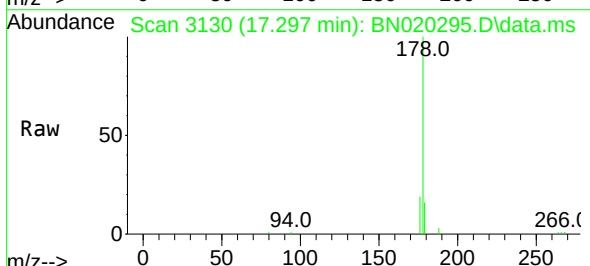
Tgt Ion:178 Resp: 9042

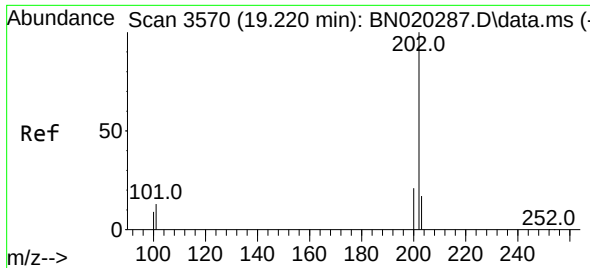
Ion Ratio Lower Upper

178 100

179 16.1 13.8 20.8

176 19.2 15.6 23.4

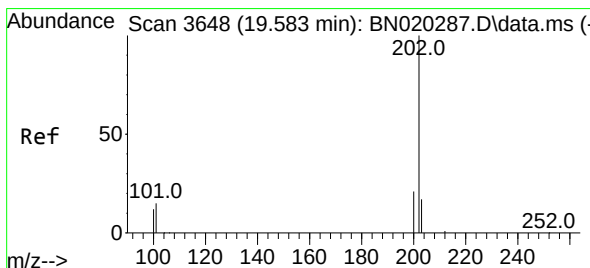
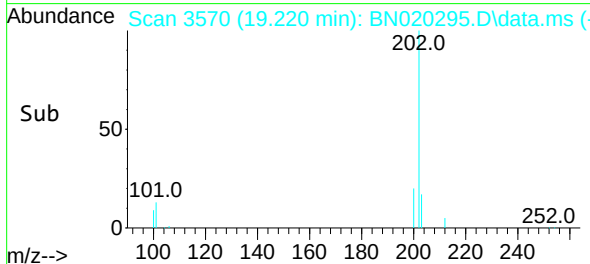
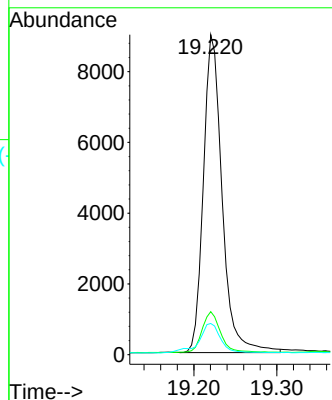
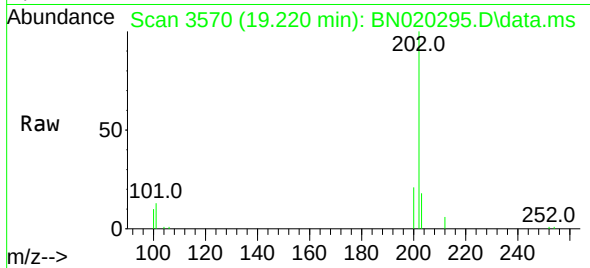




#19
Fluoranthene
Concen: 0.301 ng/ul
RT: 19.220 min Scan# 3570
Delta R.T. -0.005 min
Lab File: BN020295.D
Acq: 21 Jun 2022 01:42

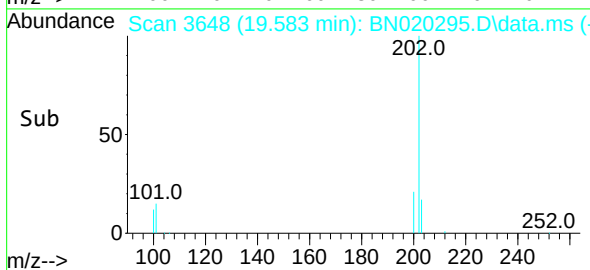
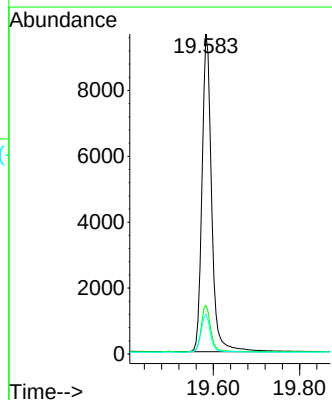
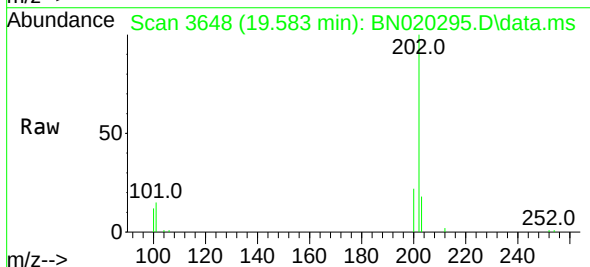
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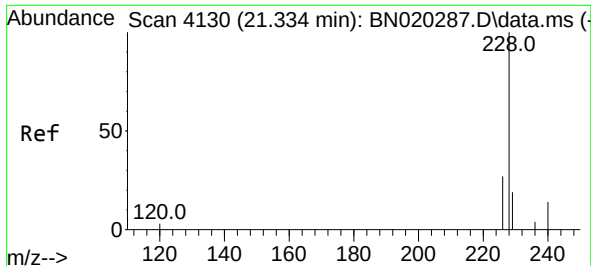
Tgt Ion:202 Resp: 14136
Ion Ratio Lower Upper
202 100
101 13.5 9.9 14.9
100 9.8 7.6 11.4



#20
Pyrene
Concen: 0.294 ng/ul
RT: 19.583 min Scan# 3648
Delta R.T. -0.000 min
Lab File: BN020295.D
Acq: 21 Jun 2022 01:42

Tgt Ion:202 Resp: 14959
Ion Ratio Lower Upper
202 100
101 15.1 12.6 19.0
100 12.3 10.3 15.5

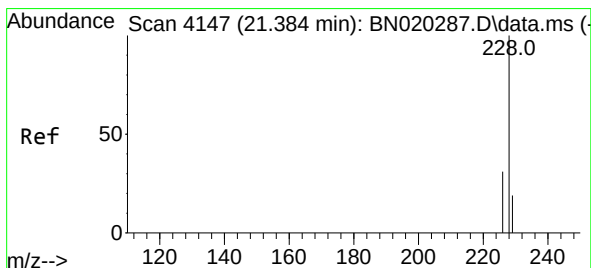
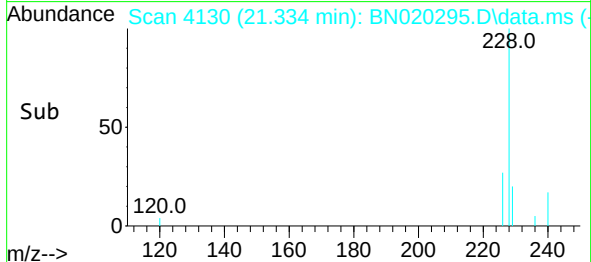
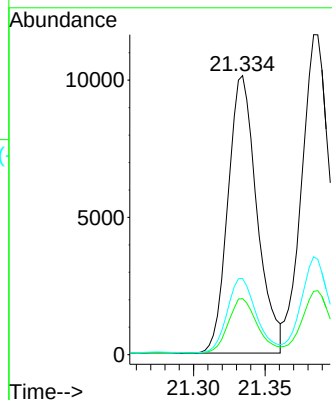
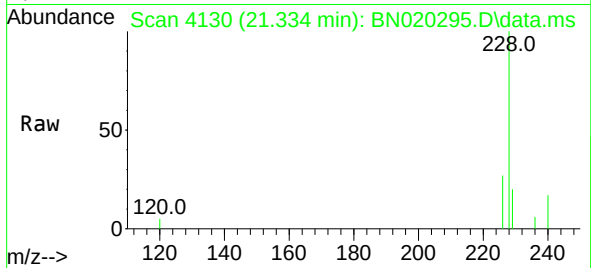




#21
Benzo(a)anthracene
Concen: 0.316 ng/ul
RT: 21.334 min Scan# 4130
Delta R.T. -0.004 min
Lab File: BN020295.D
Acq: 21 Jun 2022 01:42

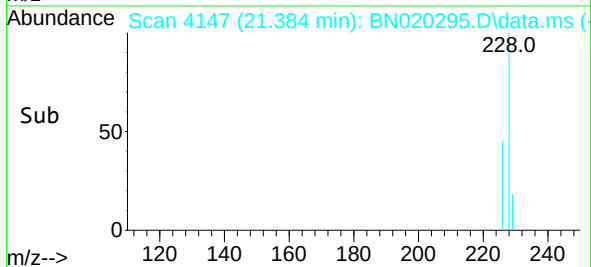
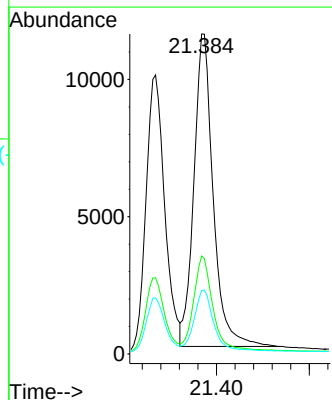
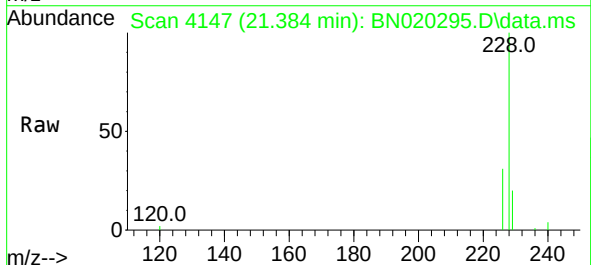
Instrument :
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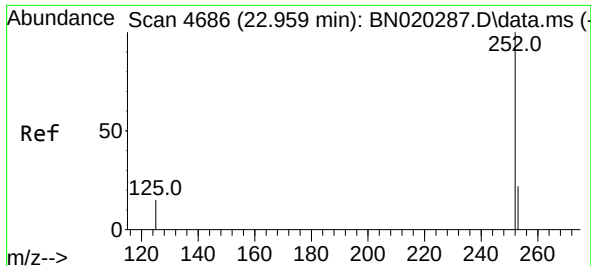
Tgt Ion:228 Resp: 14266
Ion Ratio Lower Upper
228 100
229 20.1 16.0 24.0
226 27.3 21.8 32.6



#22
Chrysene
Concen: 0.293 ng/ul
RT: 21.384 min Scan# 4147
Delta R.T. -0.004 min
Lab File: BN020295.D
Acq: 21 Jun 2022 01:42

Tgt Ion:228 Resp: 16476
Ion Ratio Lower Upper
228 100
226 30.6 24.7 37.1
229 19.8 16.0 24.0

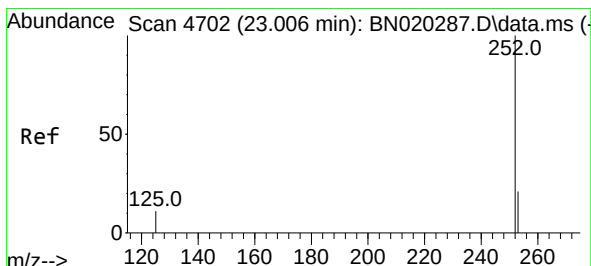
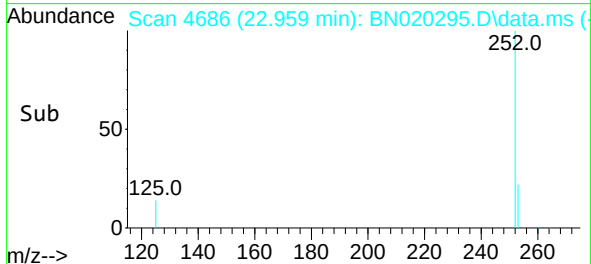
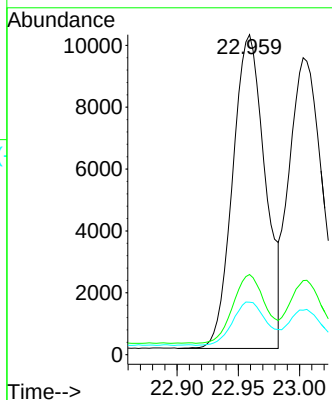
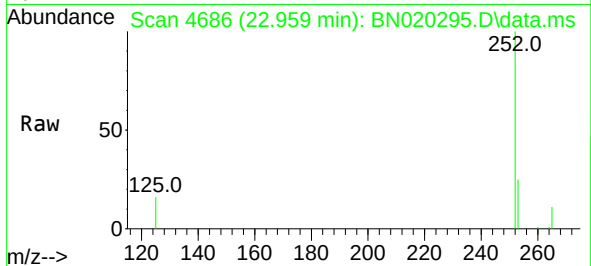




#24
Benzo(b)fluoranthene
Concen: 0.210 ng/ul
RT: 22.959 min Scan# 4686
Delta R.T. -0.007 min
Lab File: BN020295.D
Acq: 21 Jun 2022 01:42

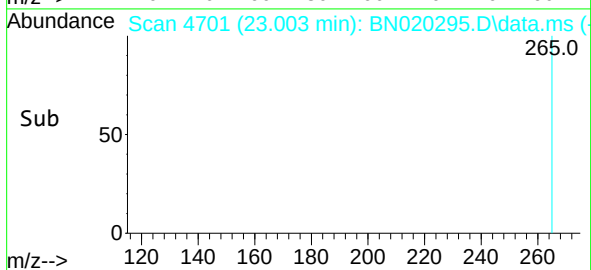
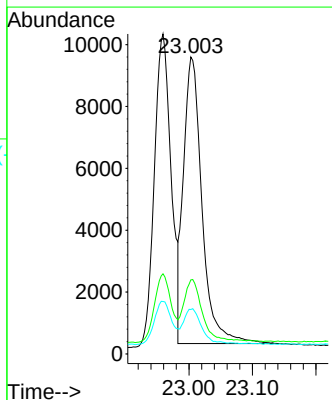
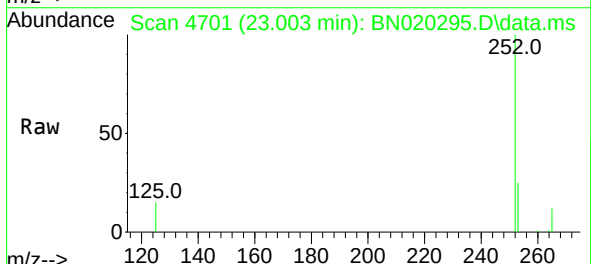
Instrument :
BNA_N
ClientSampleId :
SLCS550

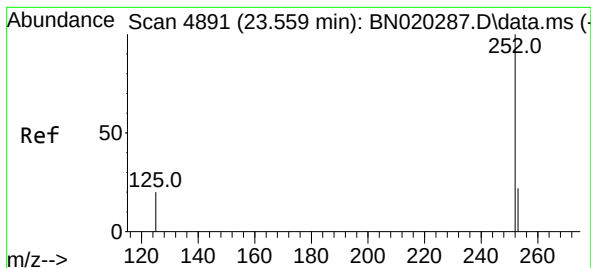
Tgt Ion:252 Resp: 18694
Ion Ratio Lower Upper
252 100
253 25.1 0.0 49.4
125 16.4 0.0 33.2



#25
Benzo(k)fluoranthene
Concen: 0.226 ng/ul
RT: 23.003 min Scan# 4701
Delta R.T. -0.007 min
Lab File: BN020295.D
Acq: 21 Jun 2022 01:42

Tgt Ion:252 Resp: 18772
Ion Ratio Lower Upper
252 100
253 25.0 20.2 30.4
125 15.0 12.3 18.5





#26

Benzo(a)pyrene

Concen: 0.324 ng/ul

RT: 23.556 min Scan# 4890

Delta R.T. -0.007 min

Lab File: BN020295.D

Acq: 21 Jun 2022 01:42

Instrument :

BNA_N

ClientSampleId :

SLCS550

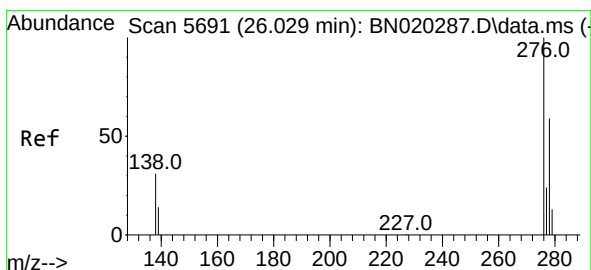
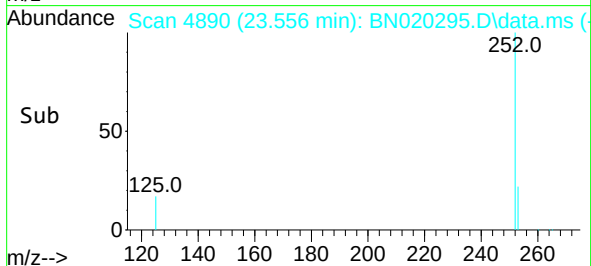
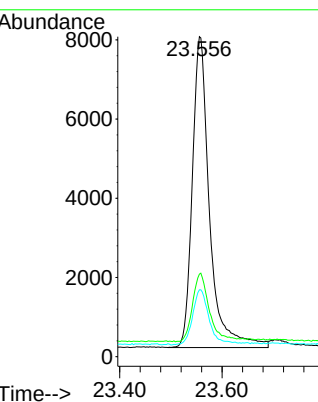
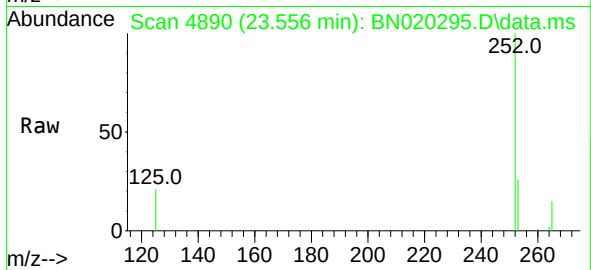
Tgt Ion:252 Resp: 18325

Ion Ratio Lower Upper

252 100

253 25.8 21.7 32.5

125 20.9 18.6 28.0



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.253 ng/ul

RT: 26.029 min Scan# 5691

Delta R.T. -0.012 min

Lab File: BN020295.D

Acq: 21 Jun 2022 01:42

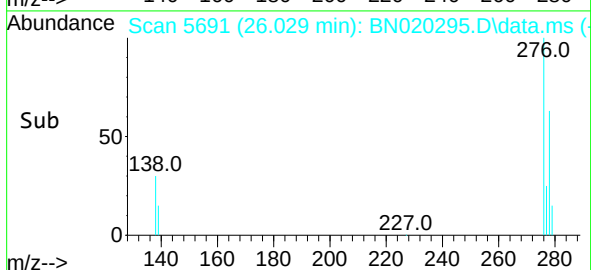
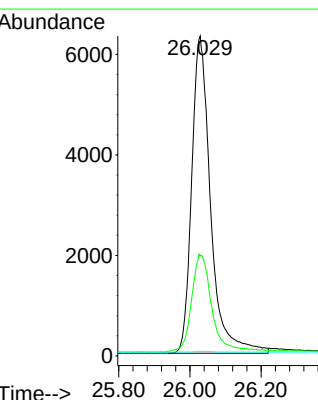
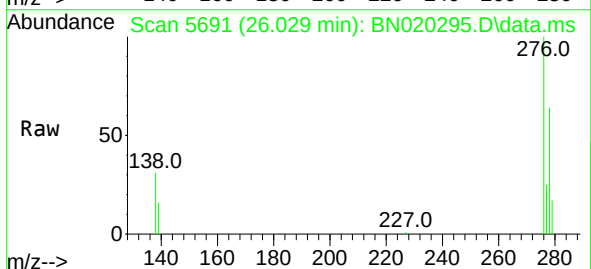
Tgt Ion:276 Resp: 23285

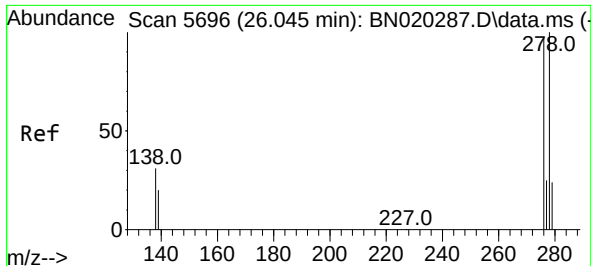
Ion Ratio Lower Upper

276 100

138 33.1 26.5 39.7

227 0.1 0.0 0.0#

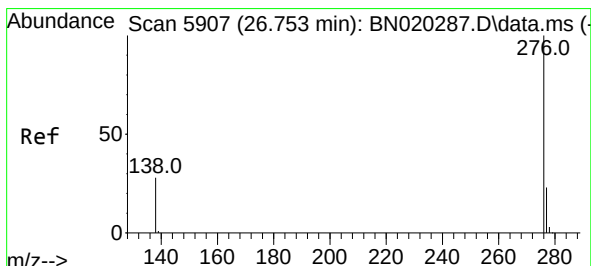
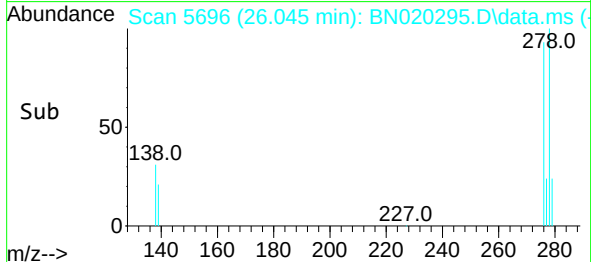
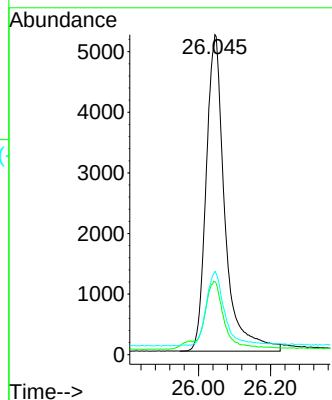
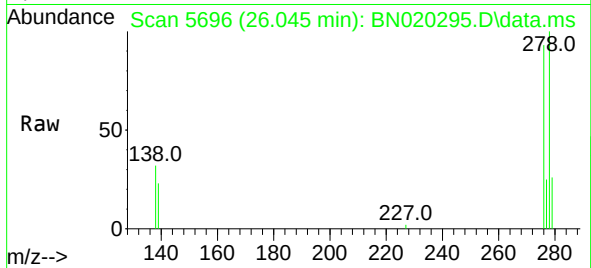




#28
Dibenzo(a,h)anthracene
Concen: 0.256 ng/ul
RT: 26.045 min Scan# 5696
Delta R.T. -0.005 min
Lab File: BN020295.D
Acq: 21 Jun 2022 01:42

Instrument :
BNA_N
ClientSampleId :
SLCS550

Tgt Ion:278 Resp: 18782
Ion Ratio Lower Upper
278 100
139 22.8 18.2 27.2
279 26.1 20.8 31.2



#29
Benzo(g,h,i)perylene
Concen: 0.254 ng/ul
RT: 26.756 min Scan# 5908
Delta R.T. -0.008 min
Lab File: BN020295.D
Acq: 21 Jun 2022 01:42

Tgt Ion:276 Resp: 20616
Ion Ratio Lower Upper
276 100
138 27.9 23.0 34.4
277 24.7 19.7 29.5

