

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062122\
 Data File : BN020300.D
 Acq On : 21 Jun 2022 10:36
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4374

Quant Time: Jun 22 00:07:54 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

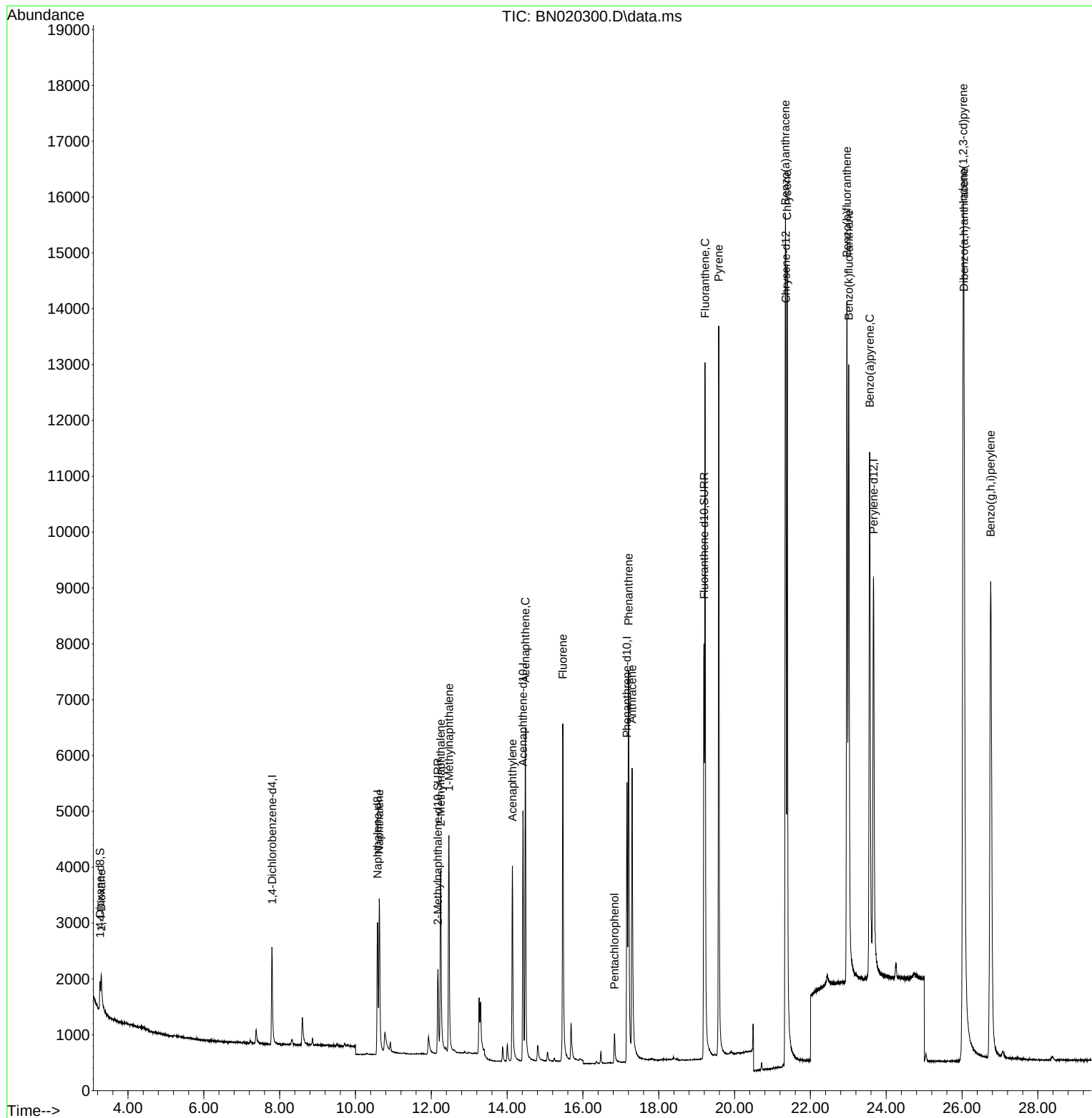
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.800	152	1208	0.400	ng/ul	0.00
4) Naphthalene-d8	10.584	136	4132	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.419	164	2897	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.162	188	7114	0.400	ng/ul	0.00
17) Chrysene-d12	21.353	240	9588	0.400	ng/ul	0.00
23) Perylene-d12	23.665	264	10962	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.265	96	477	0.346	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.174	152	2591	0.379	ng/ul	0.00
18) Fluoranthene-d10	19.193	212	9311	0.470	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.298	88	411	0.310	ng/ul	93
5) Naphthalene	10.628	128	4700	0.356	ng/ul	98
7) 2-Methylnaphthalene	12.245	142	2975	0.348	ng/ul	100
8) 1-Methylnaphthalene	12.465	142	3154	0.375	ng/ul	98
10) Acenaphthylene	14.141	152	5053	0.365	ng/ul	100
11) Acenaphthene	14.483	153	4065	0.307	ng/ul	99
12) Fluorene	15.469	166	4849	0.353	ng/ul	100
14) Pentachlorophenol	16.833	266	512	0.375	ng/ul	99
15) Phenanthrene	17.204	178	8952	0.348	ng/ul	99
16) Anthracene	17.297	178	7622	0.350	ng/ul	99
19) Fluoranthene	19.220	202	11795	0.305	ng/ul	98
20) Pyrene	19.583	202	12560	0.299	ng/ul	98
21) Benzo(a)anthracene	21.339	228	12088	0.325	ng/ul	100
22) Chrysene	21.388	228	14340	0.309	ng/ul	99
24) Benzo(b)fluoranthene	22.963	252	17080	0.218	ng/ul	99
25) Benzo(k)fluoranthene	23.010	252	16767	0.230	ng/ul	100
26) Benzo(a)pyrene	23.563	252	16647	0.336	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.030	276	22519	0.279	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.047	278	18135	0.282	ng/ul	100
29) Benzo(g,h,i)perylene	26.755	276	20494	0.288	ng/ul	99

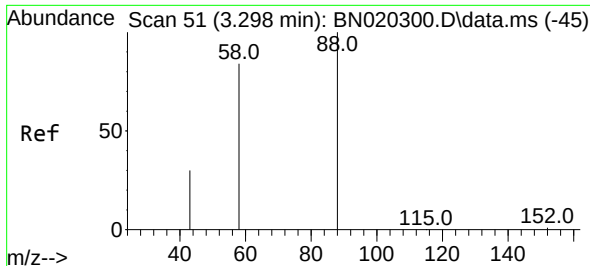
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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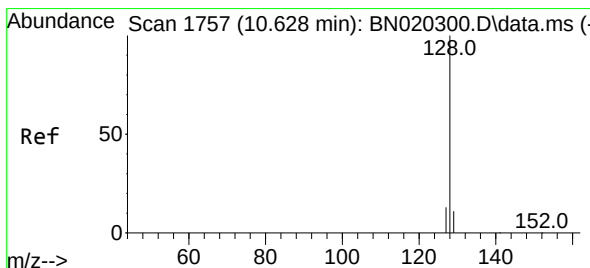
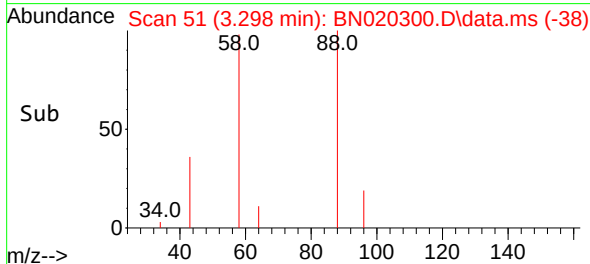
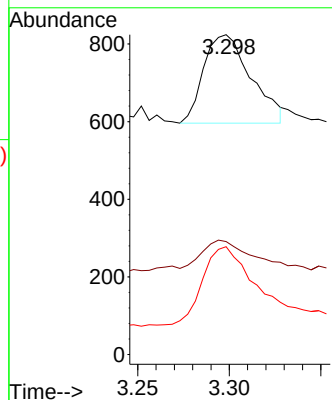
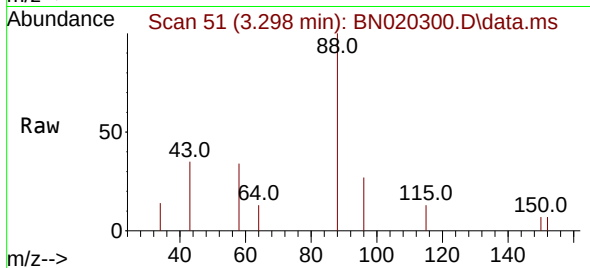




#2
 1,4-Dioxane
 Concen: 0.310 ng/ul
 RT: 3.298 min Scan# 51
 Delta R.T. 0.004 min
 Lab File: BN020300.D
 Acq: 21 Jun 2022 10:36

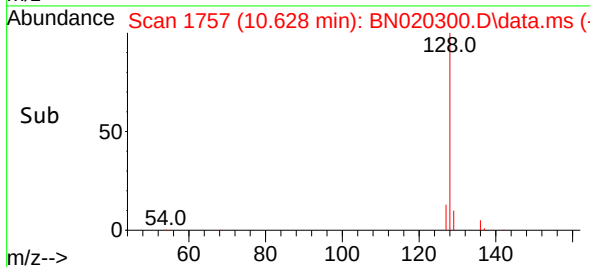
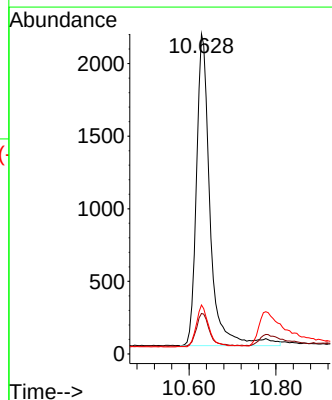
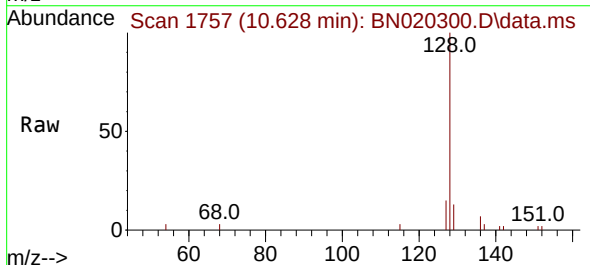
Instrument :
 BNA_N
 ClientSampleId :
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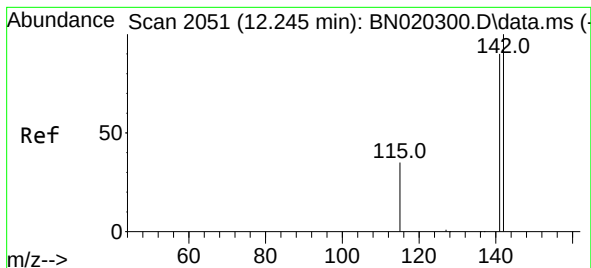
Tgt Ion: 88 Resp: 411
 Ion Ratio Lower Upper
 88 100
 43 35.3 31.6 47.4
 58 33.7 23.8 35.6



#5
 Naphthalene
 Concen: 0.356 ng/ul
 RT: 10.628 min Scan# 1757
 Delta R.T. -0.005 min
 Lab File: BN020300.D
 Acq: 21 Jun 2022 10:36

Tgt Ion: 128 Resp: 4700
 Ion Ratio Lower Upper
 128 100
 129 12.7 11.0 16.4
 127 15.3 12.8 19.2

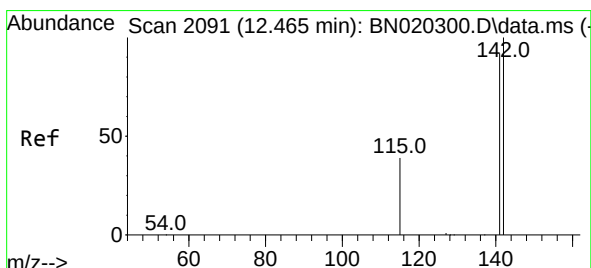
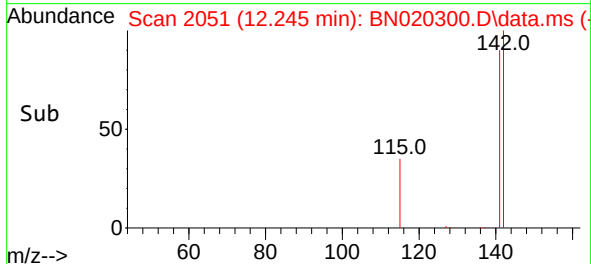
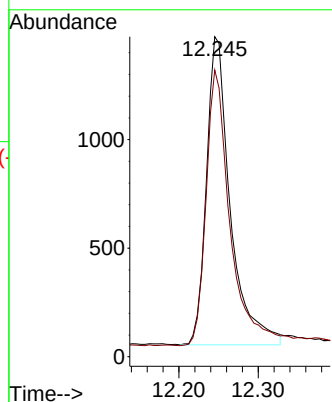
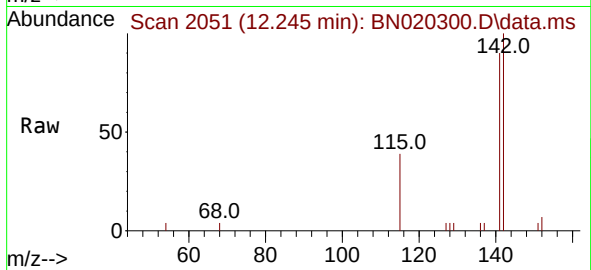




#7
2-Methylnaphthalene
Concen: 0.348 ng/ul
RT: 12.245 min Scan# 2051
Delta R.T. -0.005 min
Lab File: BN020300.D
Acq: 21 Jun 2022 10:36

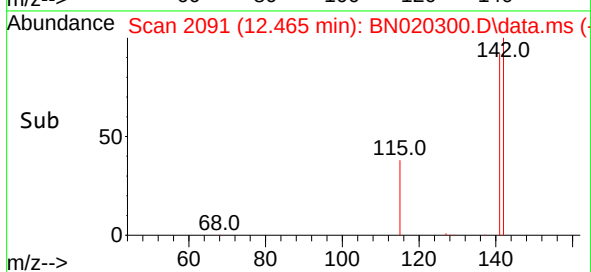
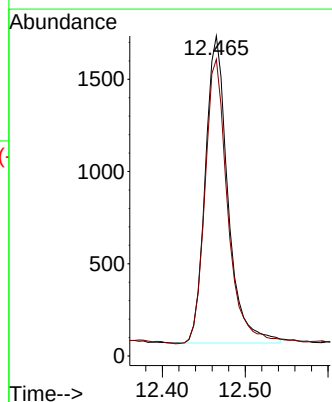
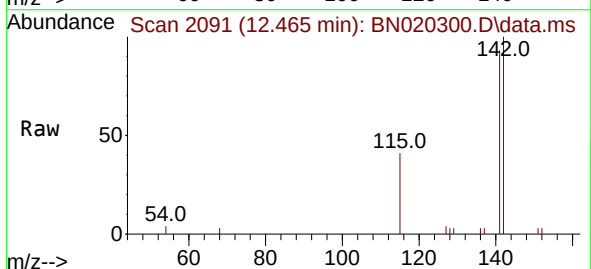
Instrument :
BNA_N
ClientSampleId :
SSTD0.4374

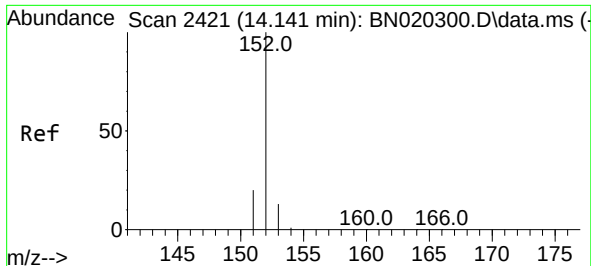
Tgt Ion:142 Resp: 2975
Ion Ratio Lower Upper
142 100
141 89.5 71.8 107.8



#8
1-Methylnaphthalene
Concen: 0.375 ng/ul
RT: 12.465 min Scan# 2091
Delta R.T. 0.000 min
Lab File: BN020300.D
Acq: 21 Jun 2022 10:36

Tgt Ion:142 Resp: 3154
Ion Ratio Lower Upper
142 100
141 93.3 73.4 110.0

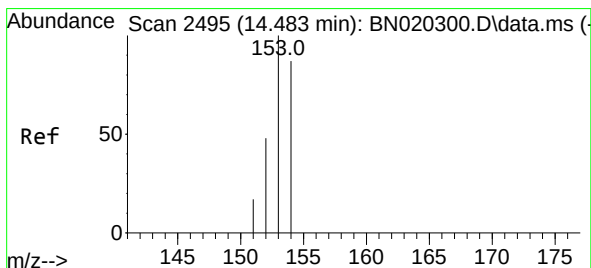
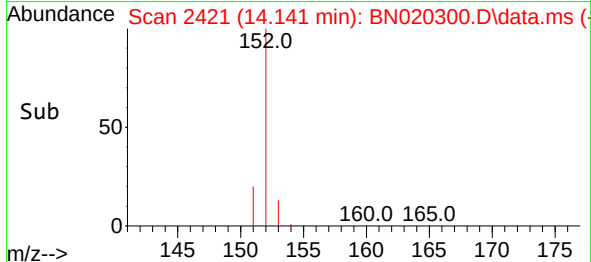
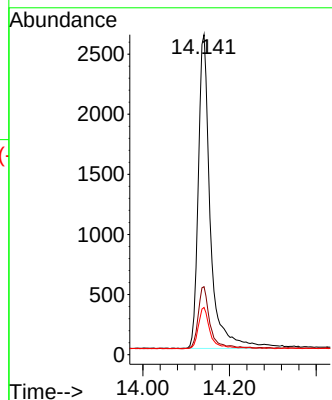
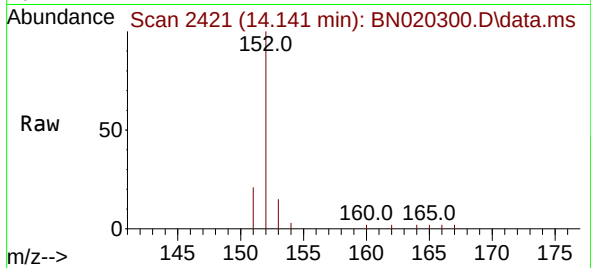




#10
Acenaphthylene
Concen: 0.365 ng/ul
RT: 14.141 min Scan# 2421
Delta R.T. 0.000 min
Lab File: BN020300.D
Acq: 21 Jun 2022 10:36

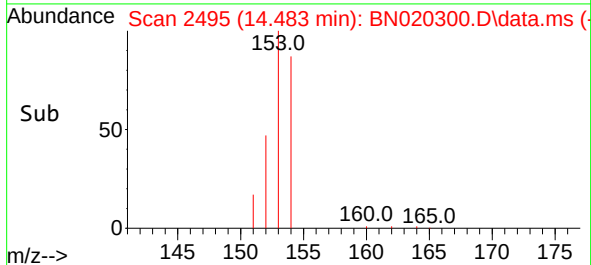
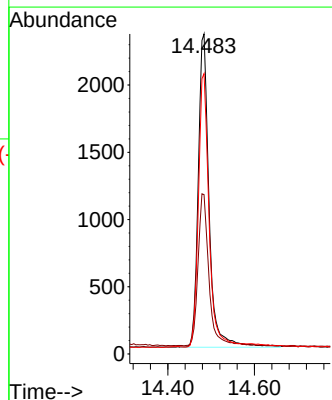
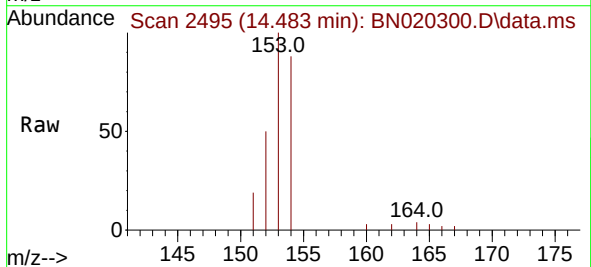
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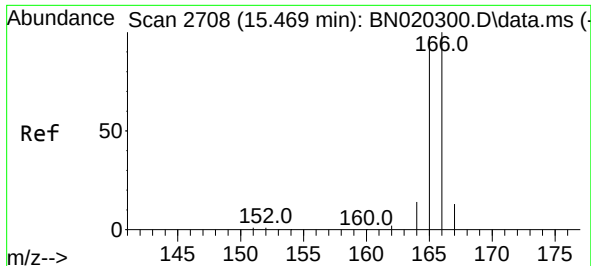
Tgt Ion:152 Resp: 5053
Ion Ratio Lower Upper
152 100
151 21.2 17.2 25.8
153 14.7 11.7 17.5



#11
Acenaphthene
Concen: 0.307 ng/ul
RT: 14.483 min Scan# 2495
Delta R.T. 0.000 min
Lab File: BN020300.D
Acq: 21 Jun 2022 10:36

Tgt Ion:153 Resp: 4065
Ion Ratio Lower Upper
153 100
152 49.8 39.9 59.9
154 87.6 69.2 103.8

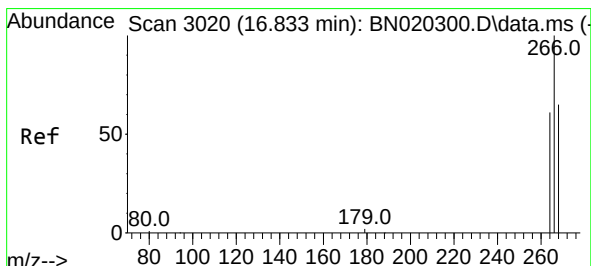
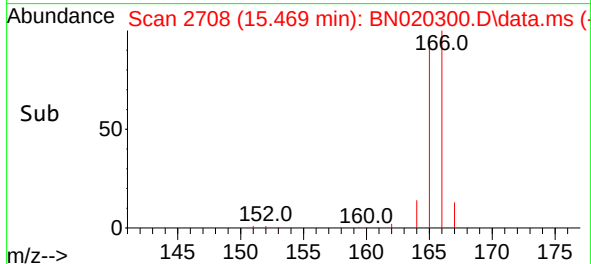
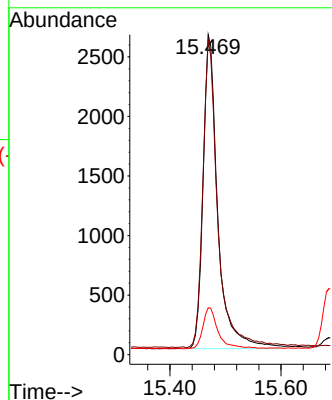
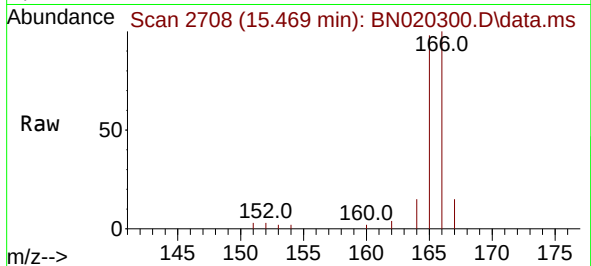




#12
Fluorene
Concen: 0.353 ng/ul
RT: 15.469 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN020300.D
Acq: 21 Jun 2022 10:36

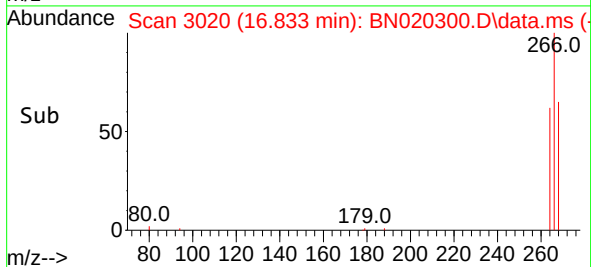
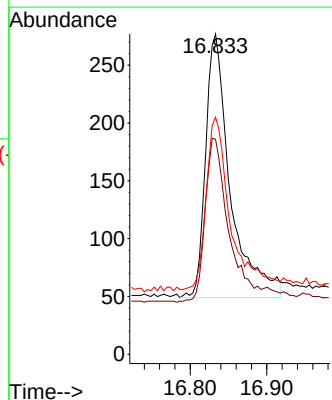
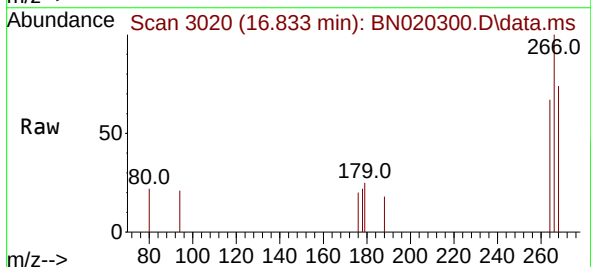
Instrument :
BNA_N
ClientSampleId :
SSTD0.4374

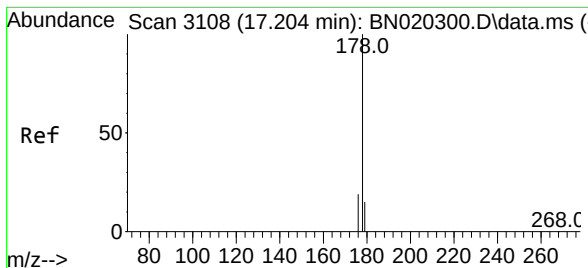
Tgt Ion:166 Resp: 4849
Ion Ratio Lower Upper
166 100
165 98.2 78.2 117.4
167 14.6 12.1 18.1



#14
Pentachlorophenol
Concen: 0.375 ng/ul
RT: 16.833 min Scan# 3020
Delta R.T. -0.004 min
Lab File: BN020300.D
Acq: 21 Jun 2022 10:36

Tgt Ion:266 Resp: 512
Ion Ratio Lower Upper
266 100
264 62.1 49.8 74.8
268 63.9 51.8 77.6





#15

Phenanthrene

Concen: 0.348 ng/ul

RT: 17.204 min Scan# 3108

Delta R.T. 0.000 min

Lab File: BN020300.D

Acq: 21 Jun 2022 10:36

Instrument :

BNA_N

ClientSampleId :

SSTD0.4374

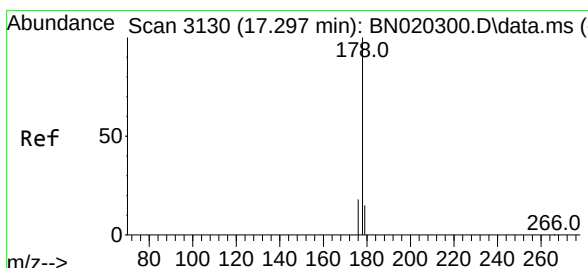
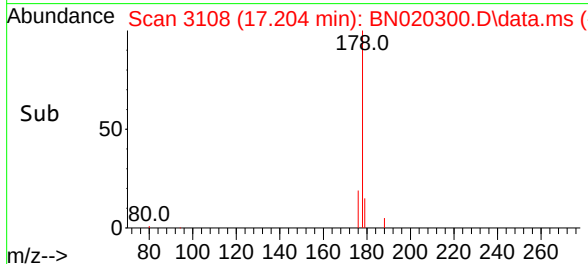
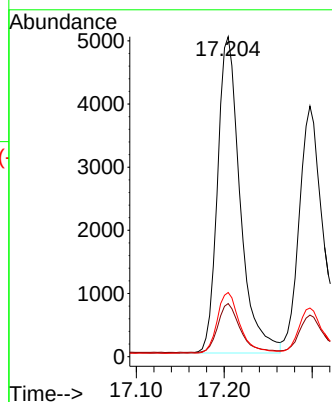
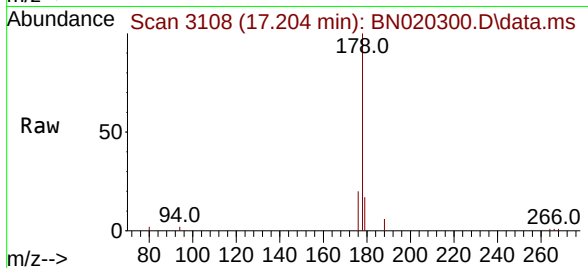
Tgt Ion:178 Resp: 8952

Ion Ratio Lower Upper

178 100

179 16.6 13.4 20.0

176 20.1 15.8 23.6



#16

Anthracene

Concen: 0.350 ng/ul

RT: 17.297 min Scan# 3130

Delta R.T. -0.004 min

Lab File: BN020300.D

Acq: 21 Jun 2022 10:36

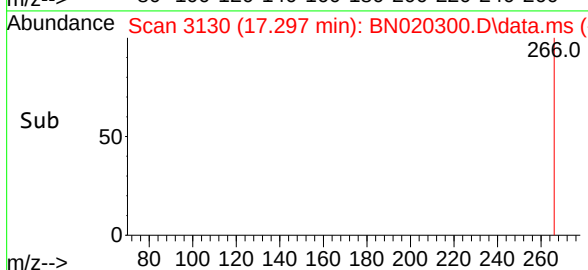
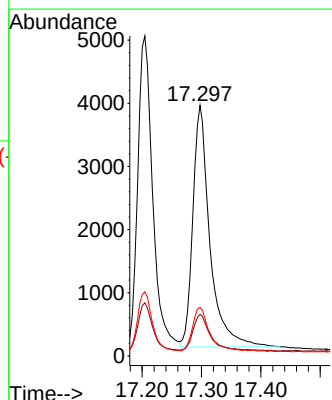
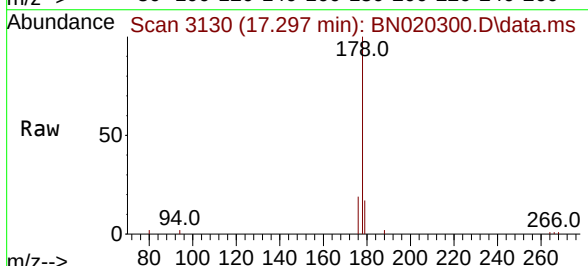
Tgt Ion:178 Resp: 7622

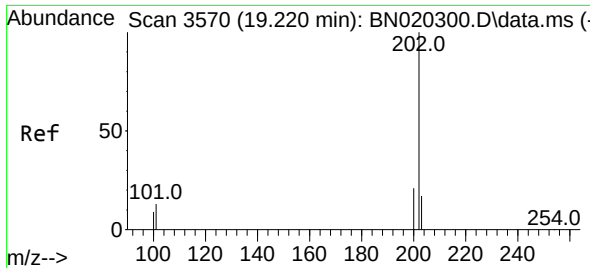
Ion Ratio Lower Upper

178 100

179 16.6 13.8 20.8

176 19.4 15.6 23.4

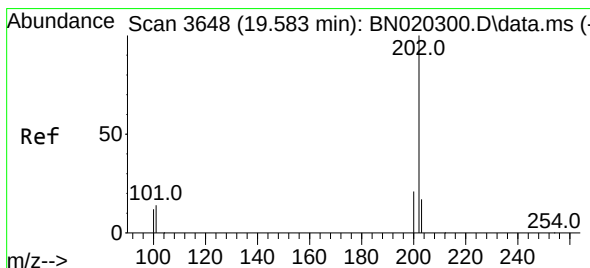
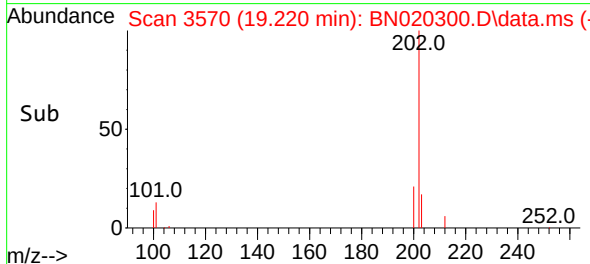
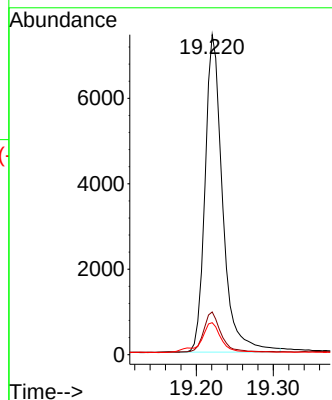
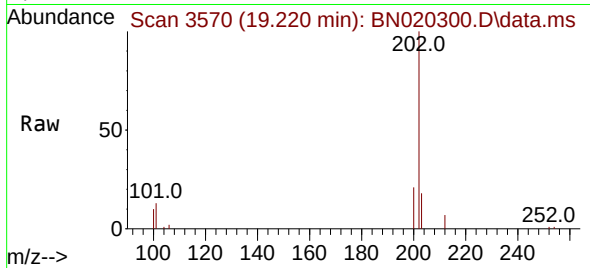




#19
Fluoranthene
Concen: 0.305 ng/u1
RT: 19.220 min Scan# 3570
Delta R.T. -0.005 min
Lab File: BN020300.D
Acq: 21 Jun 2022 10:36

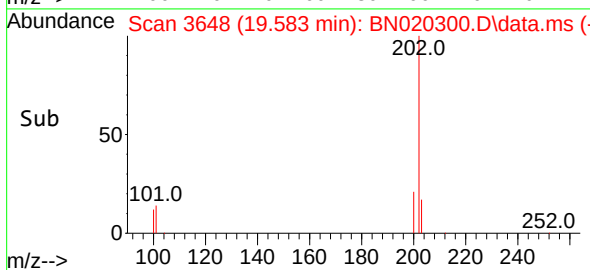
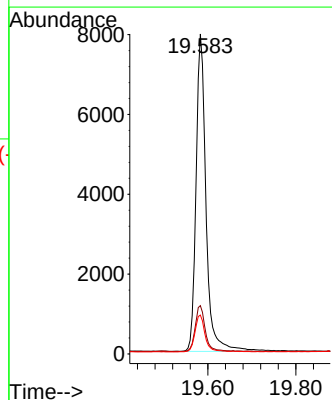
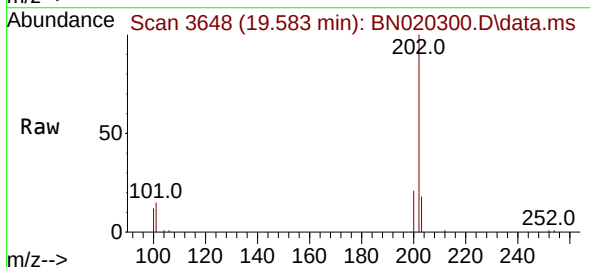
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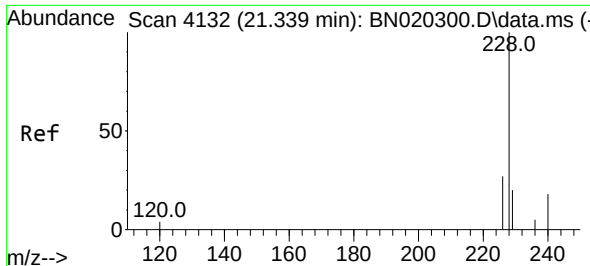
Tgt Ion:	202	Resp:	11795
Ion Ratio	Lower	Upper	
202	100		
101	13.4	9.9	14.9
100	10.0	7.6	11.4



#20
Pyrene
Concen: 0.299 ng/u1
RT: 19.583 min Scan# 3648
Delta R.T. 0.000 min
Lab File: BN020300.D
Acq: 21 Jun 2022 10:36

Tgt Ion:	202	Resp:	12560
Ion Ratio	Lower	Upper	
202	100		
101	15.1	12.6	19.0
100	12.2	10.3	15.5

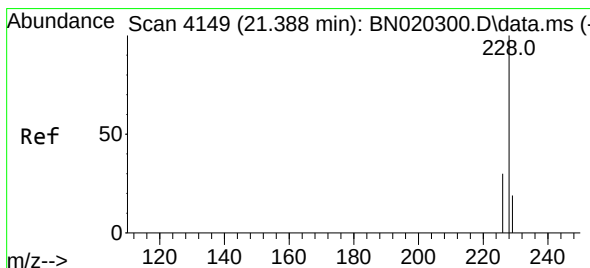
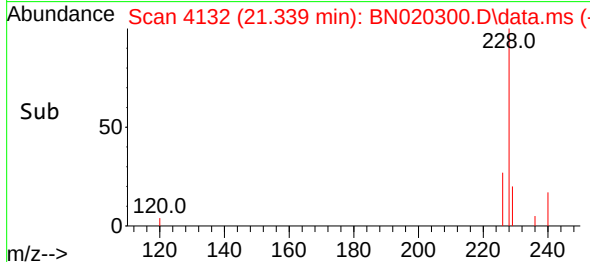
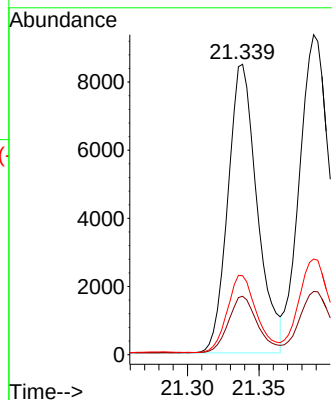
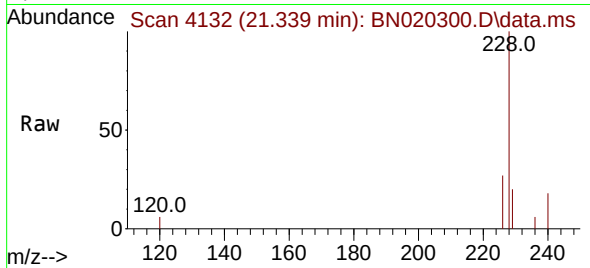




#21
Benzo(a)anthracene
Concen: 0.325 ng/ul
RT: 21.339 min Scan# 4132
Delta R.T. 0.000 min
Lab File: BN020300.D
Acq: 21 Jun 2022 10:36

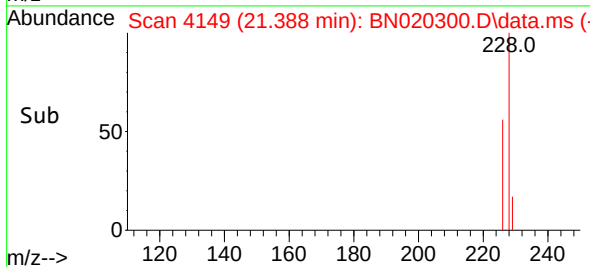
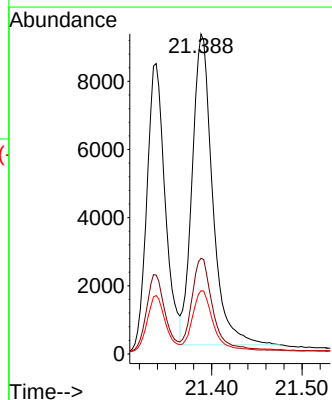
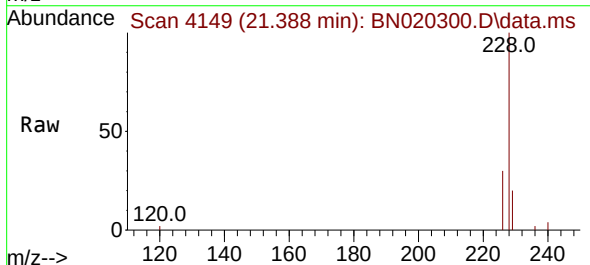
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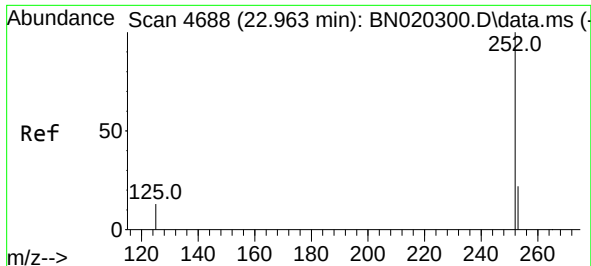
Tgt Ion:228 Resp: 12088
Ion Ratio Lower Upper
228 100
229 20.1 16.0 24.0
226 27.2 21.8 32.6



#22
Chrysene
Concen: 0.309 ng/ul
RT: 21.388 min Scan# 4149
Delta R.T. 0.000 min
Lab File: BN020300.D
Acq: 21 Jun 2022 10:36

Tgt Ion:228 Resp: 14340
Ion Ratio Lower Upper
228 100
226 29.9 24.7 37.1
229 19.8 16.0 24.0

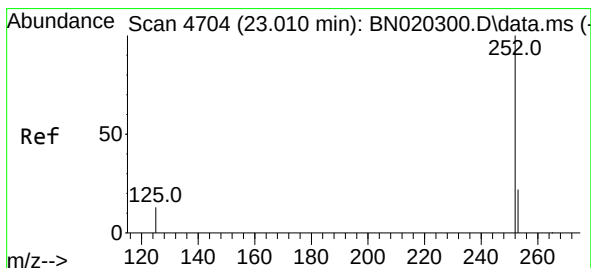
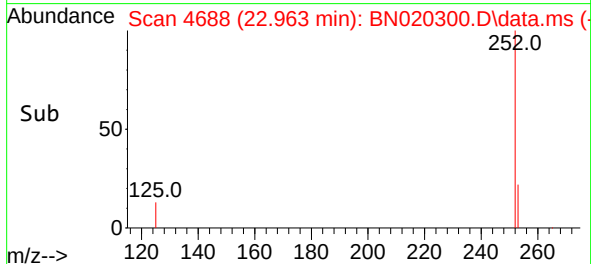
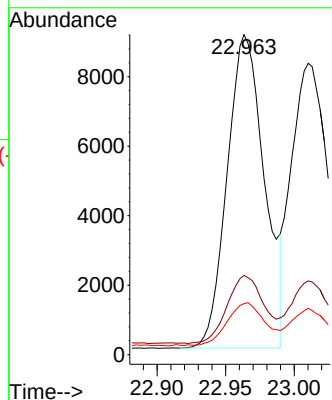
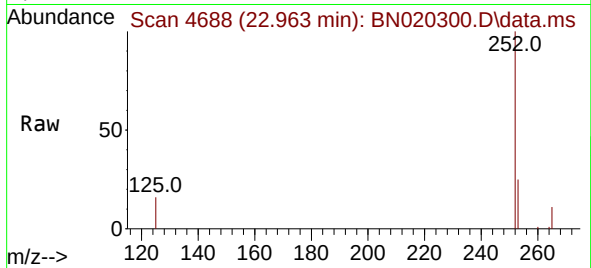




#24
Benzo(b)fluoranthene
Concen: 0.218 ng/ul
RT: 22.963 min Scan# 4688
Delta R.T. -0.003 min
Lab File: BN020300.D
Acq: 21 Jun 2022 10:36

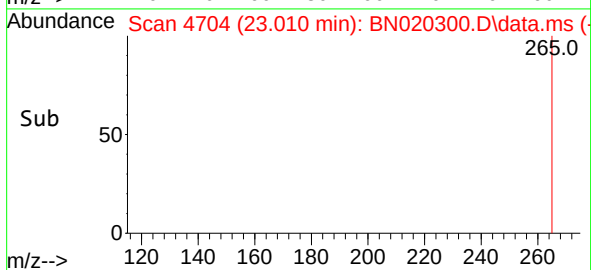
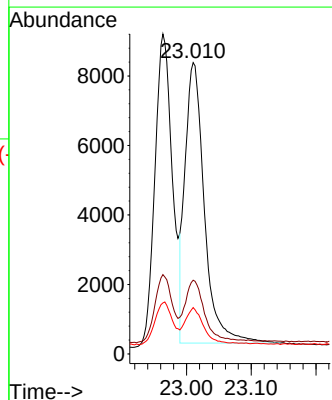
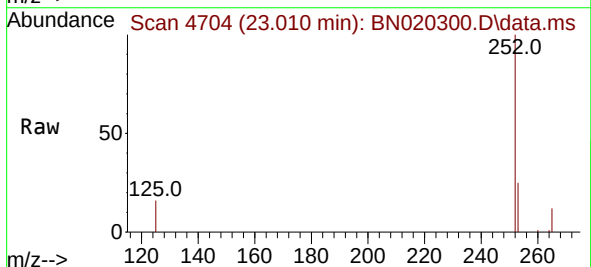
Instrument :
BNA_N
ClientSampleId :
SSTD0.4374

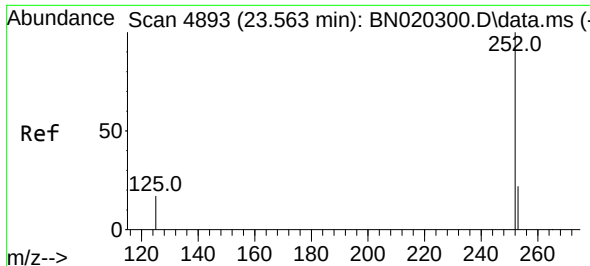
Tgt Ion:252 Resp: 17080
Ion Ratio Lower Upper
252 100
253 24.8 0.0 49.4
125 15.9 0.0 33.2



#25
Benzo(k)fluoranthene
Concen: 0.230 ng/ul
RT: 23.010 min Scan# 4704
Delta R.T. 0.000 min
Lab File: BN020300.D
Acq: 21 Jun 2022 10:36

Tgt Ion:252 Resp: 16767
Ion Ratio Lower Upper
252 100
253 25.3 20.2 30.4
125 15.9 12.3 18.5

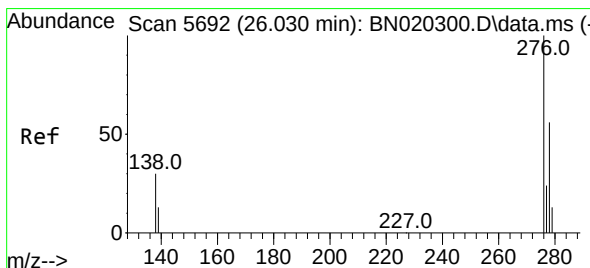
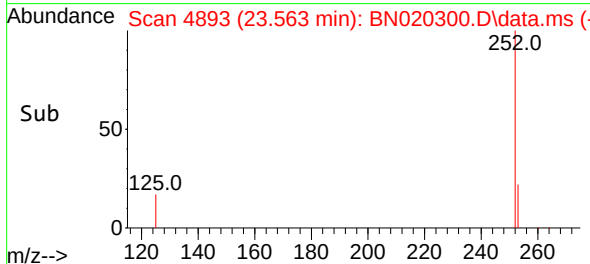
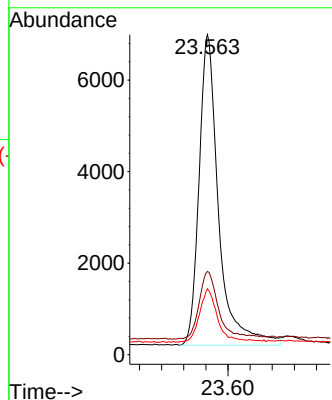
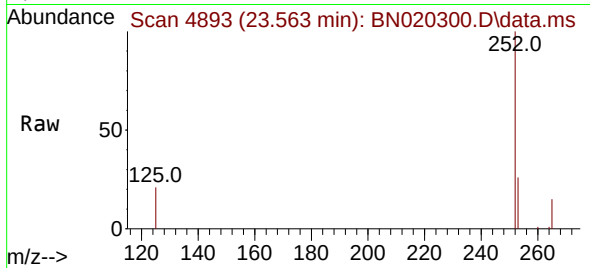




#26
Benzo(a)pyrene
Concen: 0.336 ng/ul
RT: 23.563 min Scan# 4893
Delta R.T. 0.000 min
Lab File: BN020300.D
Acq: 21 Jun 2022 10:36

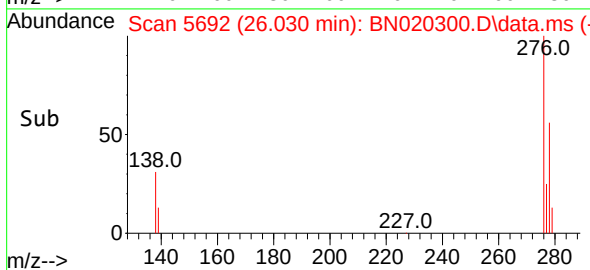
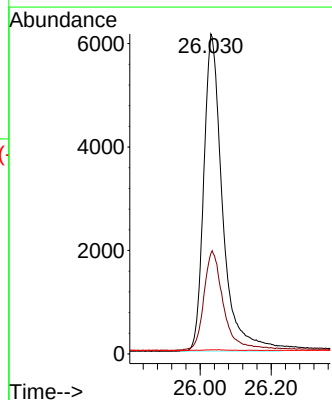
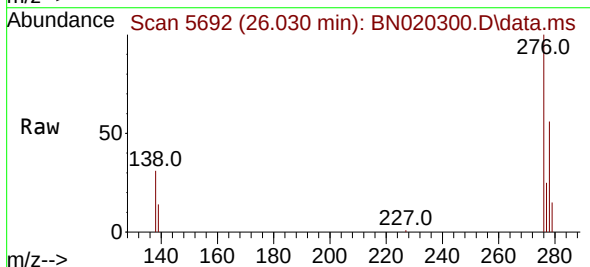
Instrument :
BNA_N
ClientSampleId :
SSTD0.4374

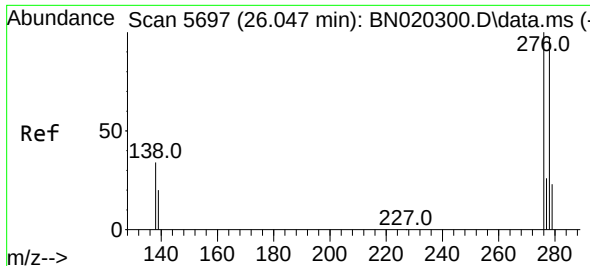
Tgt Ion:252 Resp: 16647
Ion Ratio Lower Upper
252 100
253 26.0 21.7 32.5
125 20.6 18.6 28.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.279 ng/ul
RT: 26.030 min Scan# 5692
Delta R.T. -0.010 min
Lab File: BN020300.D
Acq: 21 Jun 2022 10:36

Tgt Ion:276 Resp: 22519
Ion Ratio Lower Upper
276 100
138 32.9 26.5 39.7
227 0.0 0.0 0.0#

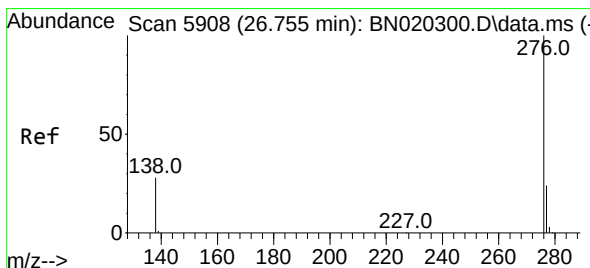
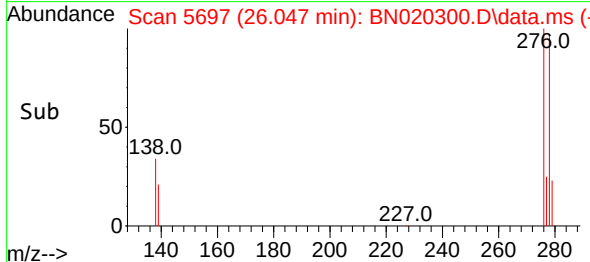
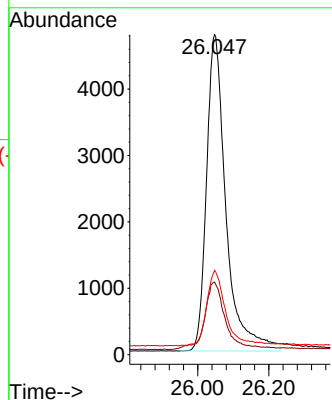
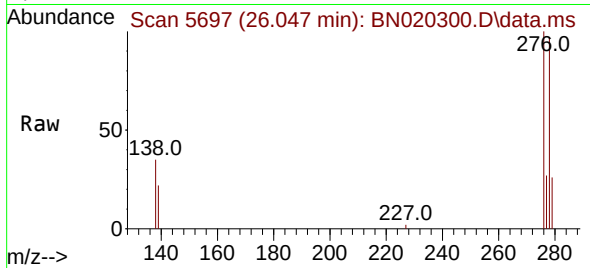




#28
Dibenzo(a,h)anthracene
Concen: 0.282 ng/ul
RT: 26.047 min Scan# 5697
Delta R.T. -0.003 min
Lab File: BN020300.D
Acq: 21 Jun 2022 10:36

Instrument :
BNA_N
ClientSampleId :
SSTD0.4374

Tgt Ion:278 Resp: 18135
Ion Ratio Lower Upper
278 100
139 22.7 18.2 27.2
279 26.4 20.8 31.2



#29
Benzo(g,h,i)perylene
Concen: 0.288 ng/ul
RT: 26.755 min Scan# 5908
Delta R.T. -0.010 min
Lab File: BN020300.D
Acq: 21 Jun 2022 10:36

Tgt Ion:276 Resp: 20494
Ion Ratio Lower Upper
276 100
138 28.9 23.0 34.4
277 25.0 19.7 29.5

