

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062122\
 Data File : BN020316.D
 Acq On : 21 Jun 2022 20:16
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4375

Quant Time: Jun 22 00:08:52 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

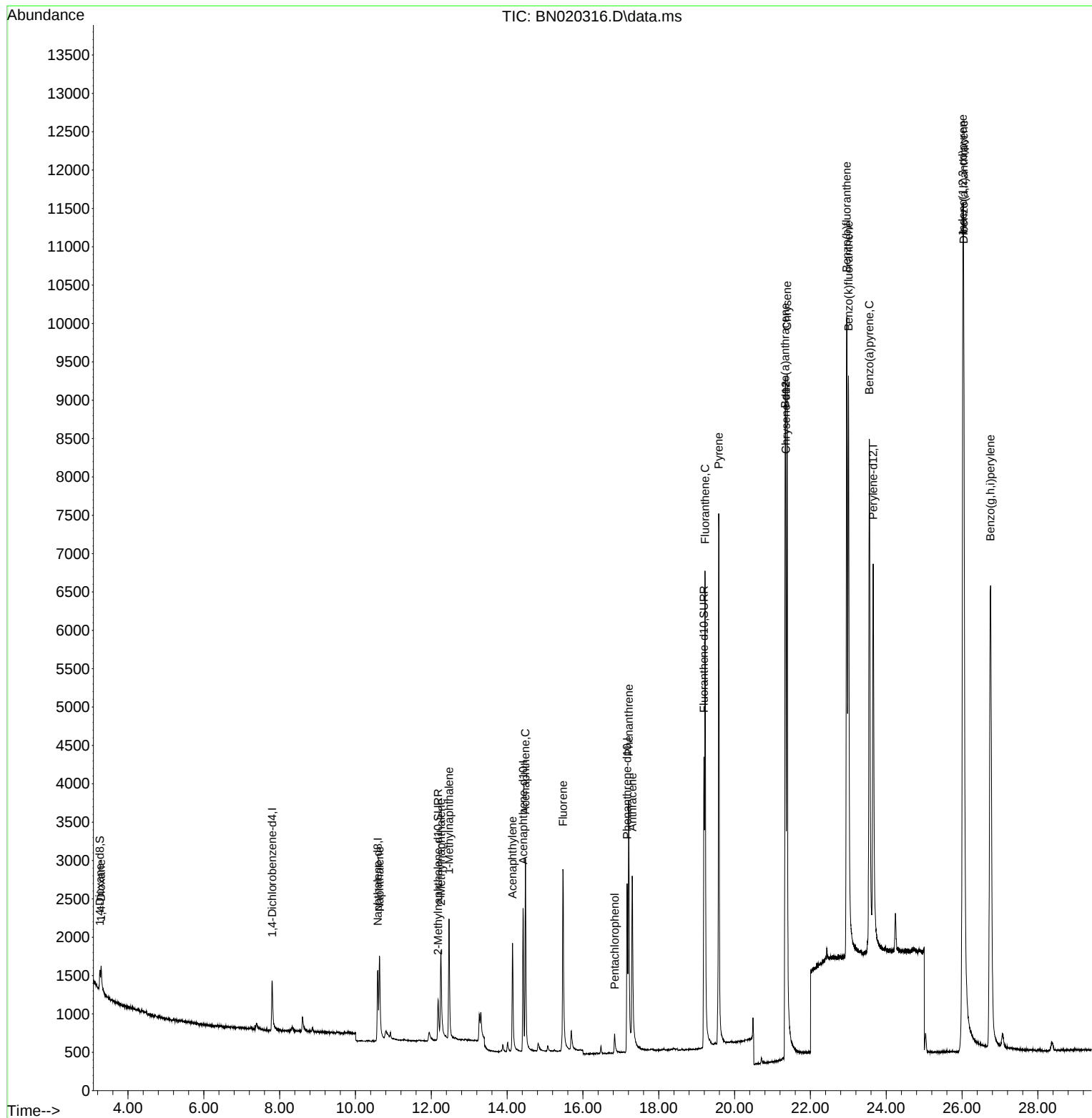
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	514	0.400	ng/ul	0.00
4) Naphthalene-d8	10.589	136	1777	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.422	164	1262	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.165	188	3298	0.400	ng/ul	0.00
17) Chrysene-d12	21.351	240	5965	0.400	ng/ul	0.00
23) Perylene-d12	23.657	264	7675	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.256	96	246	0.419	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.178	152	1074	0.365	ng/ul	0.00
18) Fluoranthene-d10	19.191	212	4883	0.397	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.290	88	191	0.338	ng/ul#	87
5) Naphthalene	10.633	128	2010	0.354	ng/ul#	94
7) 2-Methylnaphthalene	12.255	142	1226	0.334	ng/ul	99
8) 1-Methylnaphthalene	12.469	142	1334	0.369	ng/ul	96
10) Acenaphthylene	14.144	152	2234	0.370	ng/ul	95
11) Acenaphthene	14.482	153	1809	0.313	ng/ul	99
12) Fluorene	15.477	166	2139	0.358	ng/ul#	98
14) Pentachlorophenol	16.836	266	258	0.407	ng/ul	96
15) Phenanthrene	17.207	178	4224	0.354	ng/ul	97
16) Anthracene	17.300	178	3545	0.351	ng/ul	96
19) Fluoranthene	19.224	202	6159	0.256	ng/ul	98
20) Pyrene	19.582	202	6860	0.263	ng/ul	98
21) Benzo(a)anthracene	21.333	228	7141	0.308	ng/ul	98
22) Chrysene	21.386	228	8919	0.309	ng/ul	99
24) Benzo(b)fluoranthene	22.958	252	11421	0.208	ng/ul	96
25) Benzo(k)fluoranthene	23.005	252	11880	0.233	ng/ul	98
26) Benzo(a)pyrene	23.554	252	11878	0.342	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.021	276	16728	0.296	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.044	278	13368	0.297	ng/ul	98
29) Benzo(g,h,i)perylene	26.752	276	15179	0.304	ng/ul	99

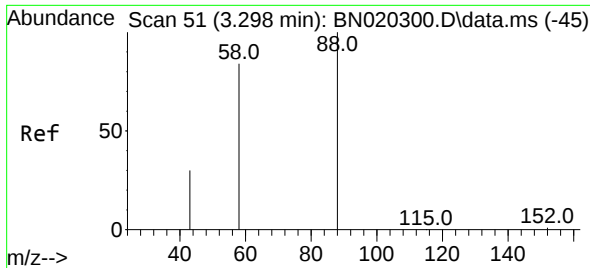
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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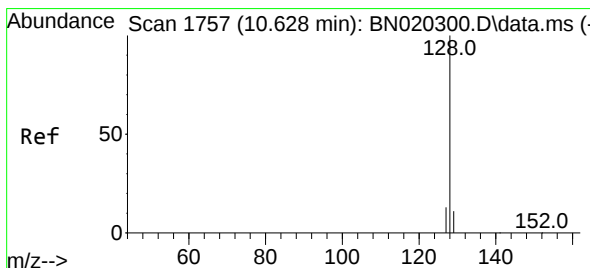
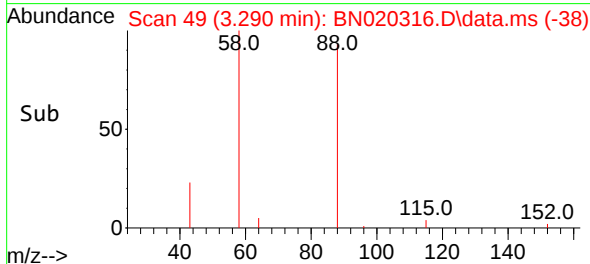
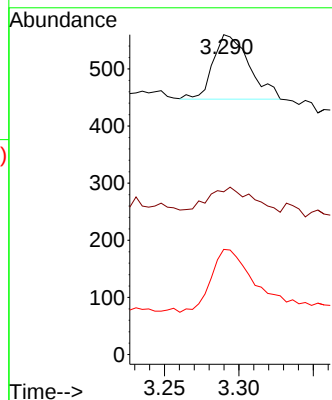
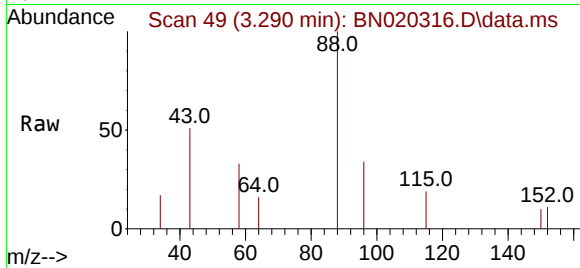




#2
1,4-Dioxane
Concen: 0.338 ng/ul
RT: 3.290 min Scan# 49
Delta R.T. -0.004 min
Lab File: BN020316.D
Acq: 21 Jun 2022 20:16

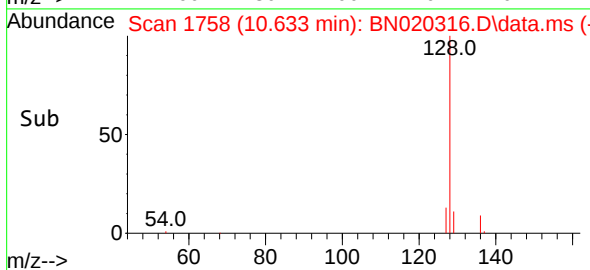
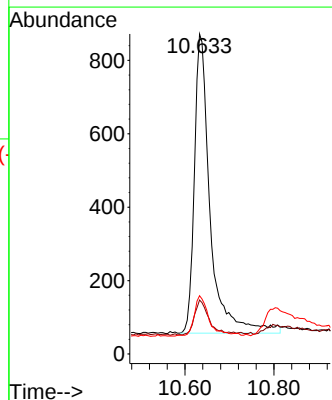
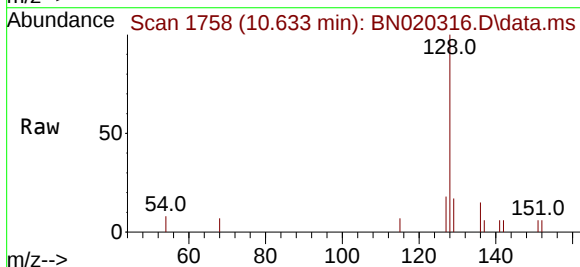
Instrument :
BNA_N
ClientSampleId :
SSTD0.4375

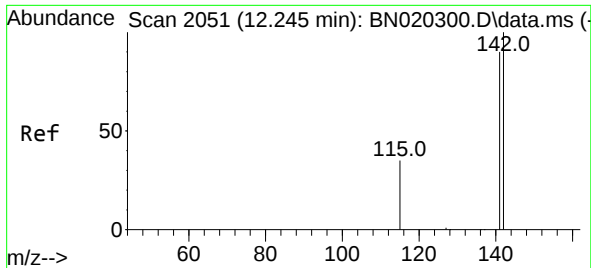
Tgt Ion: 88 Resp: 191
Ion Ratio Lower Upper
88 100
43 50.9 31.6 47.4#
58 32.9 23.8 35.6



#5
Naphthalene
Concen: 0.354 ng/ul
RT: 10.633 min Scan# 1758
Delta R.T. -0.001 min
Lab File: BN020316.D
Acq: 21 Jun 2022 20:16

Tgt Ion: 128 Resp: 2010
Ion Ratio Lower Upper
128 100
129 16.9 11.0 16.4#
127 18.2 12.8 19.2

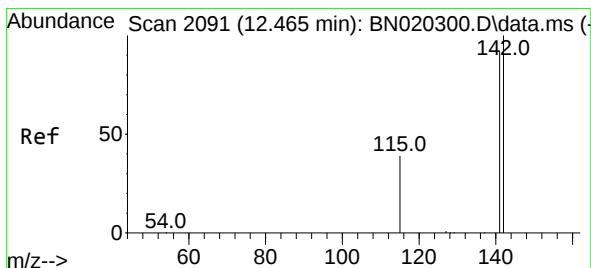
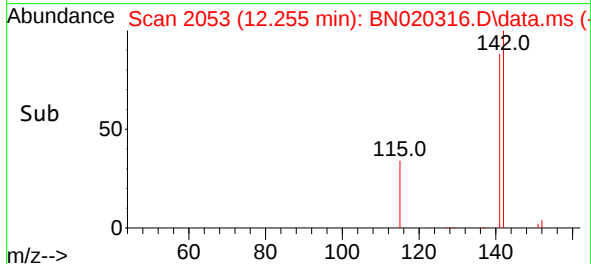
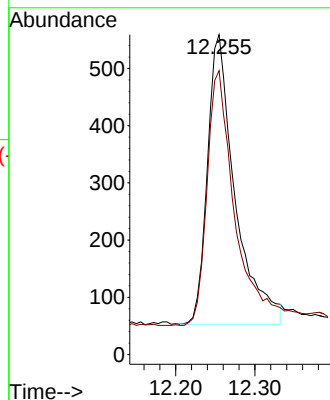
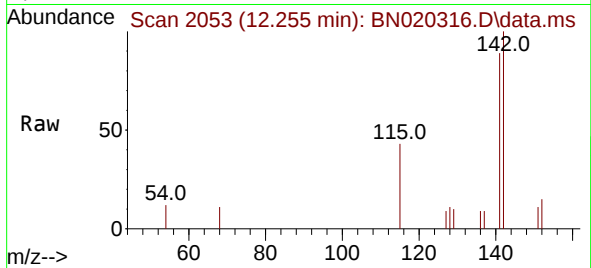




#7
2-Methylnaphthalene
Concen: 0.334 ng/ul
RT: 12.255 min Scan# 2053
Delta R.T. 0.004 min
Lab File: BN020316.D
Acq: 21 Jun 2022 20:16

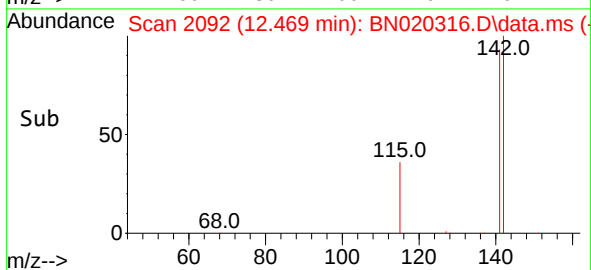
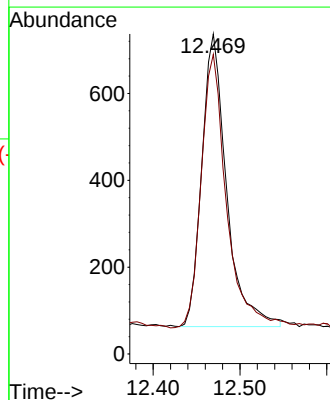
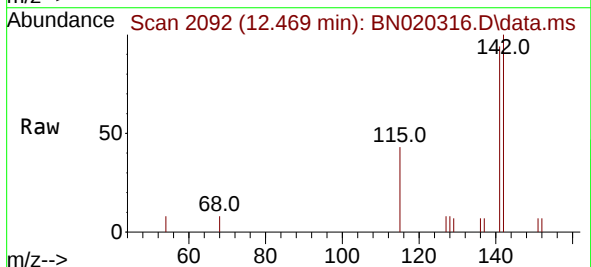
Instrument :
BNA_N
ClientSampleId :
SSTD0.4375

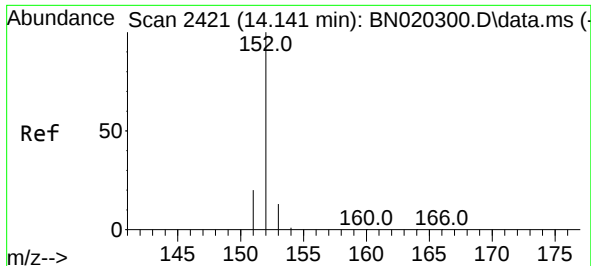
Tgt Ion:142 Resp: 1226
Ion Ratio Lower Upper
142 100
141 88.4 71.8 107.8



#8
1-Methylnaphthalene
Concen: 0.369 ng/ul
RT: 12.469 min Scan# 2092
Delta R.T. 0.004 min
Lab File: BN020316.D
Acq: 21 Jun 2022 20:16

Tgt Ion:142 Resp: 1334
Ion Ratio Lower Upper
142 100
141 95.5 73.4 110.0

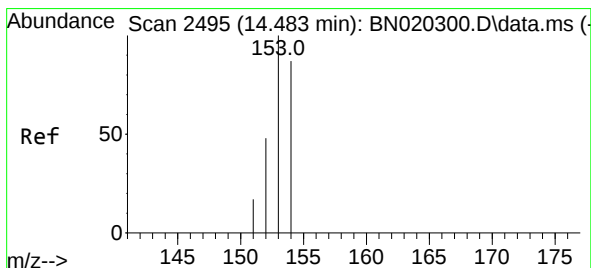
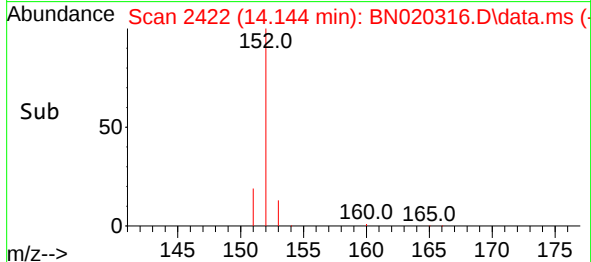
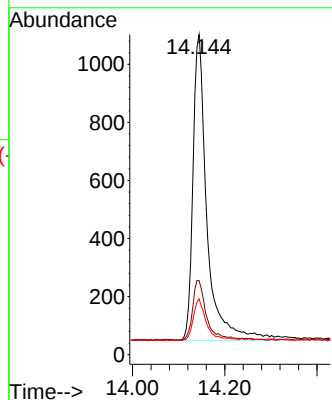
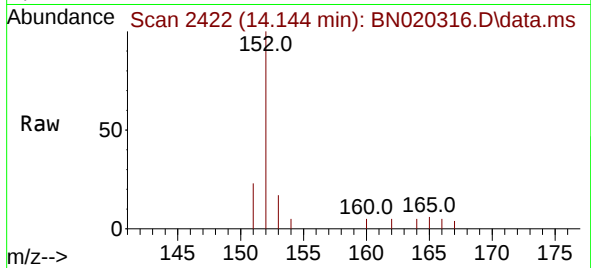




#10
Acenaphthylene
Concen: 0.370 ng/ul
RT: 14.144 min Scan# 2421
Delta R.T. 0.003 min
Lab File: BN020316.D
Acq: 21 Jun 2022 20:16

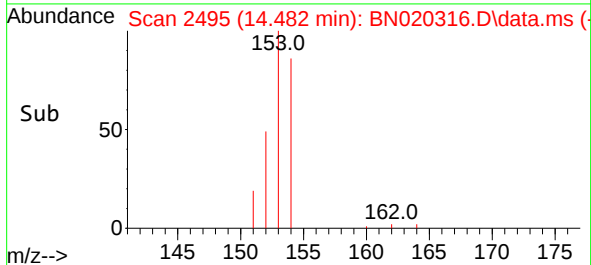
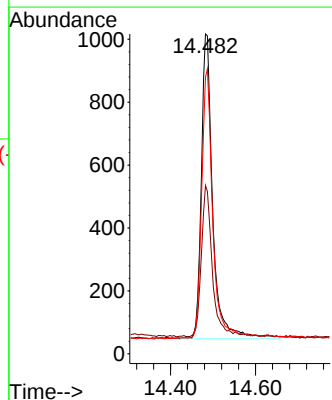
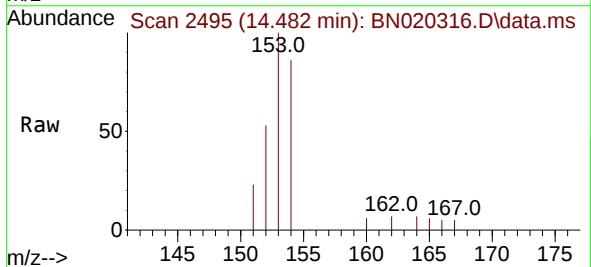
Instrument :
BNA_N
ClientSampleId :
SSTD0.4375

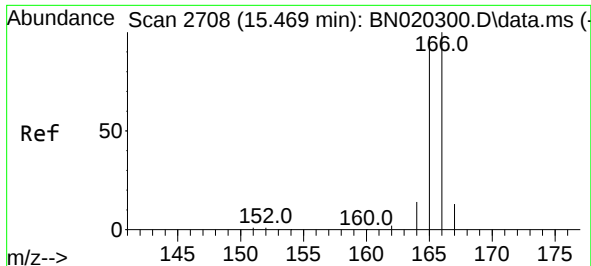
Tgt Ion:152 Resp: 2234
Ion Ratio Lower Upper
152 100
151 23.1 17.2 25.8
153 17.4 11.7 17.5



#11
Acenaphthene
Concen: 0.313 ng/ul
RT: 14.482 min Scan# 2495
Delta R.T. -0.001 min
Lab File: BN020316.D
Acq: 21 Jun 2022 20:16

Tgt Ion:153 Resp: 1809
Ion Ratio Lower Upper
153 100
152 52.6 39.9 59.9
154 86.4 69.2 103.8

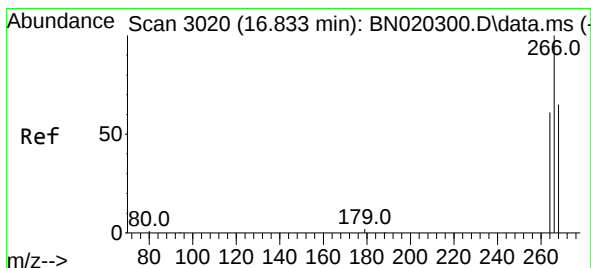
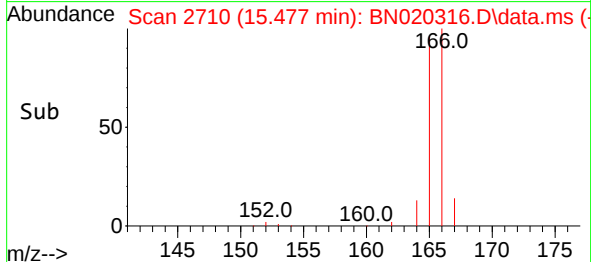
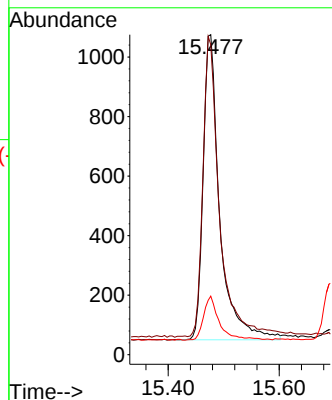
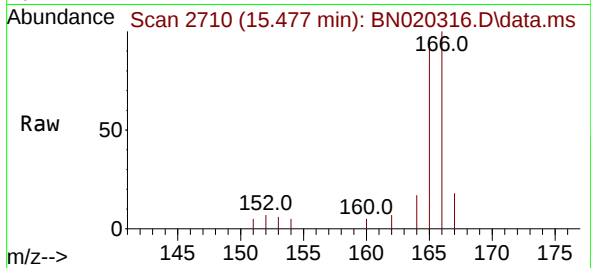




#12
Fluorene
Concen: 0.358 ng/ul
RT: 15.477 min Scan# 21
Delta R.T. 0.003 min
Lab File: BN020316.D
Acq: 21 Jun 2022 20:16

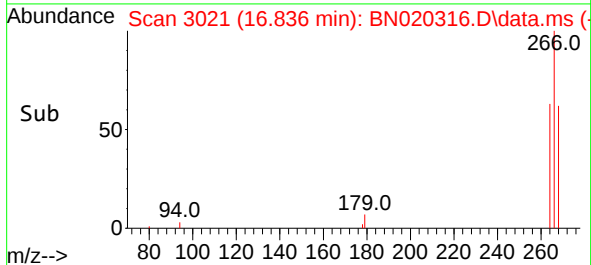
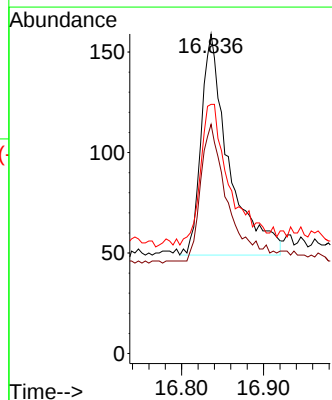
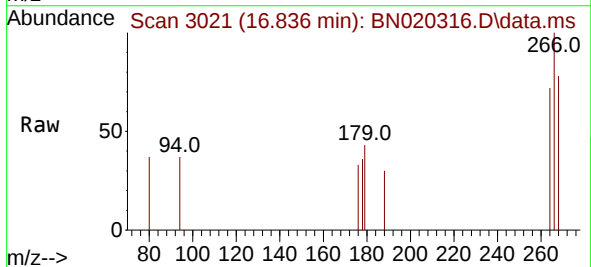
Instrument :
BNA_N
ClientSampleId :
SSTD0.4375

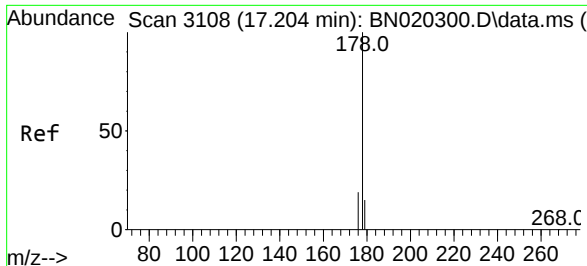
Tgt Ion:166 Resp: 2139
Ion Ratio Lower Upper
166 100
165 96.8 78.2 117.4
167 18.3 12.1 18.1#



#14
Pentachlorophenol
Concen: 0.407 ng/ul
RT: 16.836 min Scan# 3021
Delta R.T. -0.001 min
Lab File: BN020316.D
Acq: 21 Jun 2022 20:16

Tgt Ion:266 Resp: 258
Ion Ratio Lower Upper
266 100
264 60.5 49.8 74.8
268 68.6 51.8 77.6

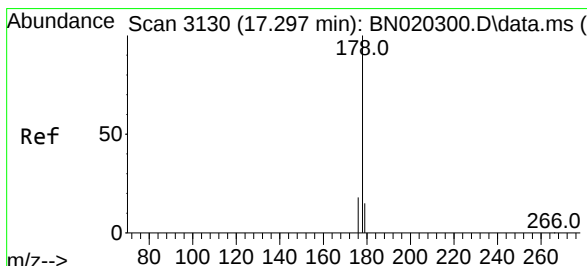
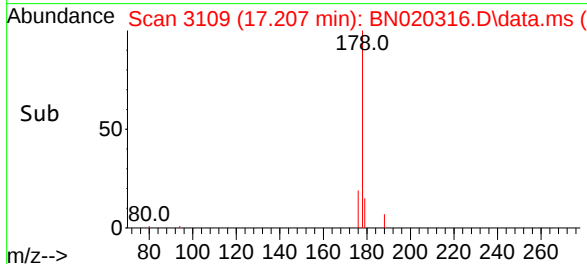
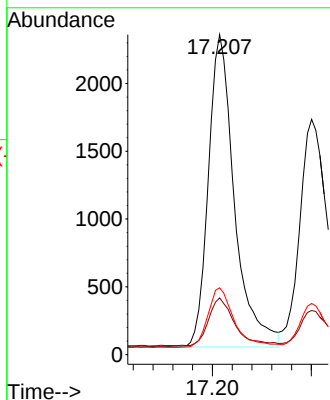
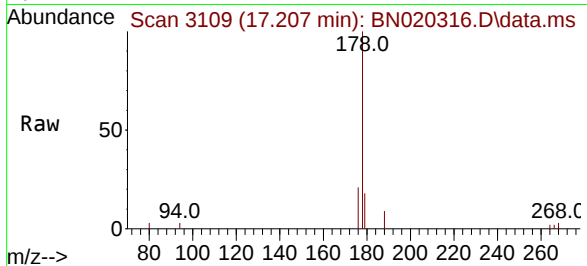




#15
Phenanthrene
Concen: 0.354 ng/ul
RT: 17.207 min Scan# 3109
Delta R.T. 0.003 min
Lab File: BN020316.D
Acq: 21 Jun 2022 20:16

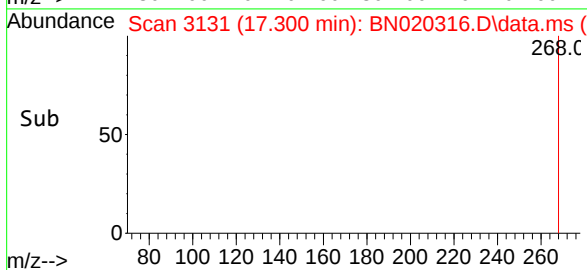
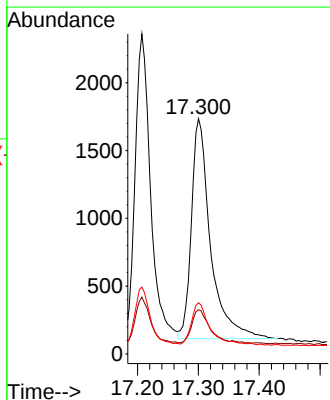
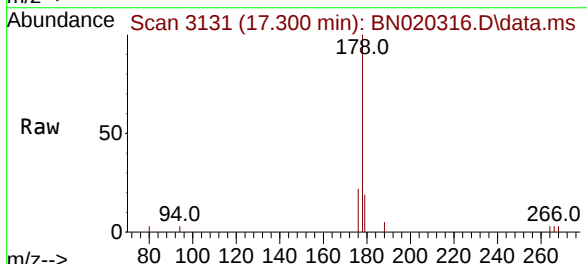
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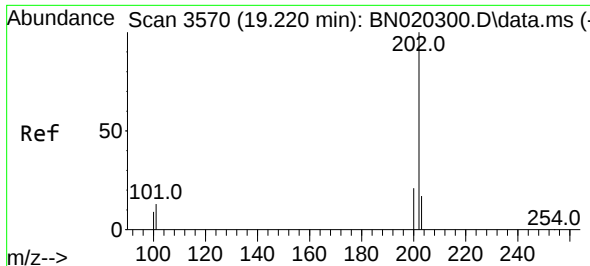
Tgt Ion:178 Resp: 4224
Ion Ratio Lower Upper
178 100
179 17.8 13.4 20.0
176 20.9 15.8 23.6



#16
Anthracene
Concen: 0.351 ng/ul
RT: 17.300 min Scan# 3131
Delta R.T. -0.001 min
Lab File: BN020316.D
Acq: 21 Jun 2022 20:16

Tgt Ion:178 Resp: 3545
Ion Ratio Lower Upper
178 100
179 18.7 13.8 20.8
176 21.8 15.6 23.4

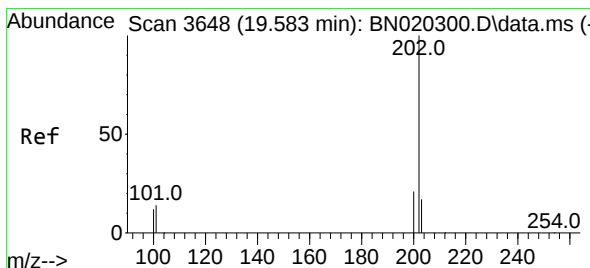
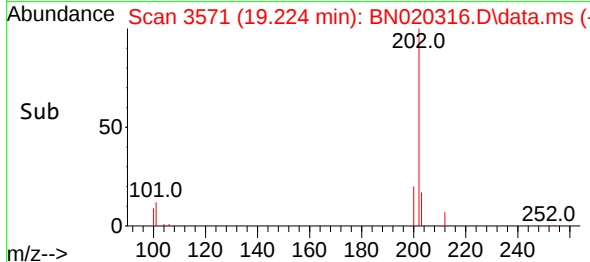
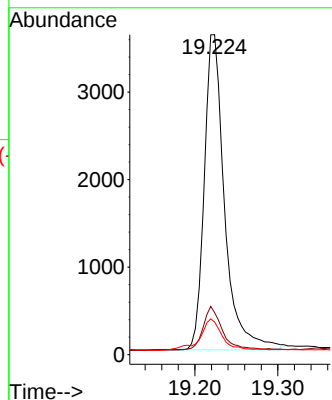
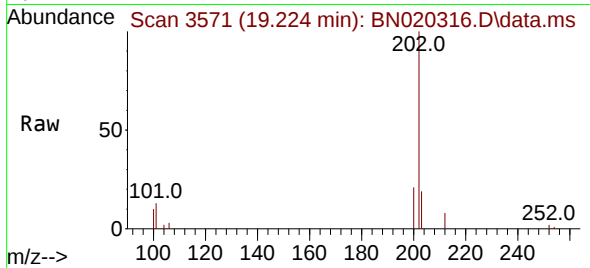




#19
Fluoranthene
Concen: 0.256 ng/ul
RT: 19.224 min Scan# 3571
Delta R.T. -0.001 min
Lab File: BN020316.D
Acq: 21 Jun 2022 20:16

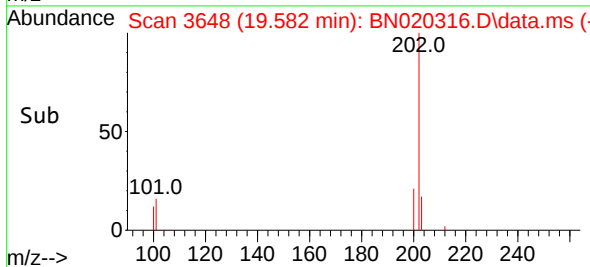
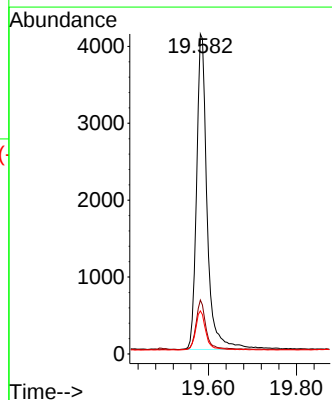
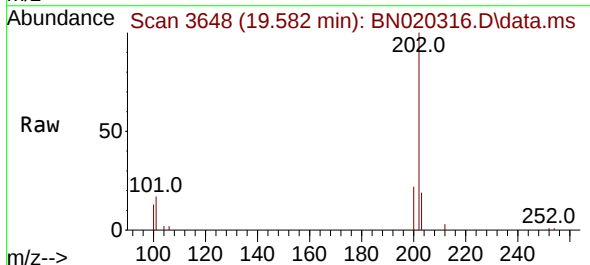
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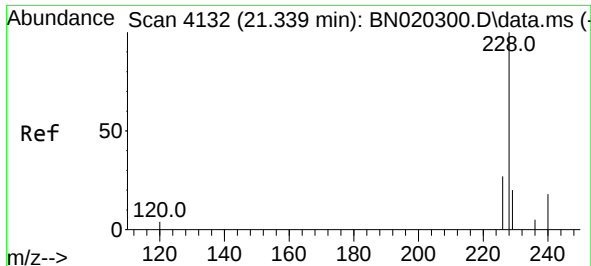
Tgt Ion:202 Resp: 6159
Ion Ratio Lower Upper
202 100
101 13.1 9.9 14.9
100 10.2 7.6 11.4



#20
Pyrene
Concen: 0.263 ng/ul
RT: 19.582 min Scan# 3648
Delta R.T. -0.001 min
Lab File: BN020316.D
Acq: 21 Jun 2022 20:16

Tgt Ion:202 Resp: 6860
Ion Ratio Lower Upper
202 100
101 16.9 12.6 19.0
100 13.5 10.3 15.5

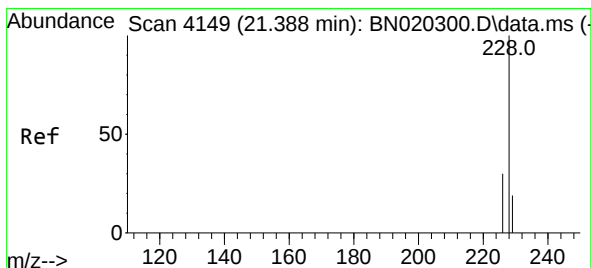
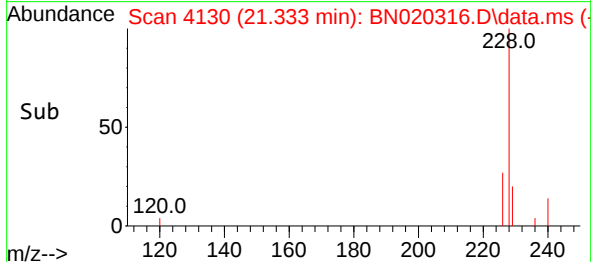
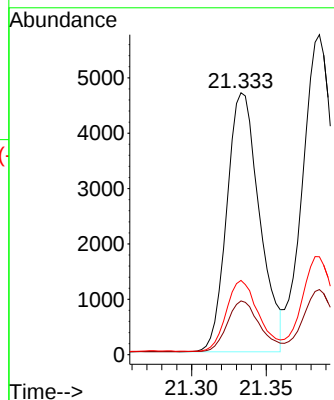
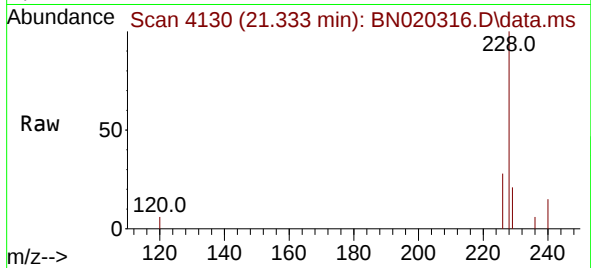




#21
Benzo(a)anthracene
Concen: 0.308 ng/ul
RT: 21.333 min Scan# 4132
Delta R.T. -0.005 min
Lab File: BN020316.D
Acq: 21 Jun 2022 20:16

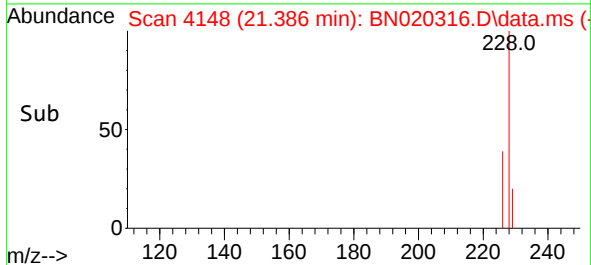
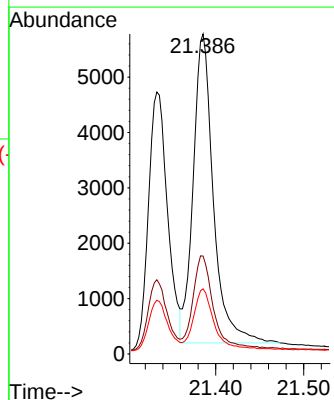
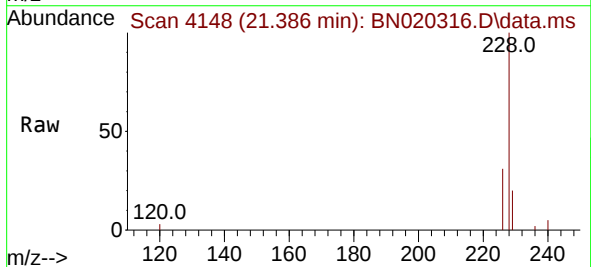
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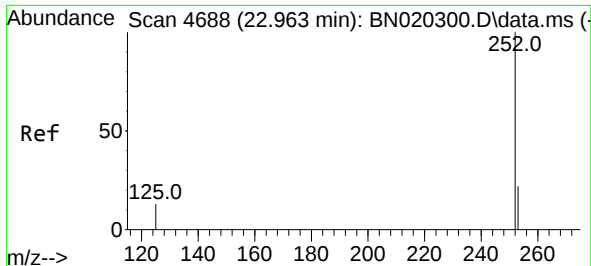
Tgt Ion:228 Resp: 7141
Ion Ratio Lower Upper
228 100
229 20.5 16.0 24.0
226 28.3 21.8 32.6



#22
Chrysene
Concen: 0.309 ng/ul
RT: 21.386 min Scan# 4148
Delta R.T. -0.002 min
Lab File: BN020316.D
Acq: 21 Jun 2022 20:16

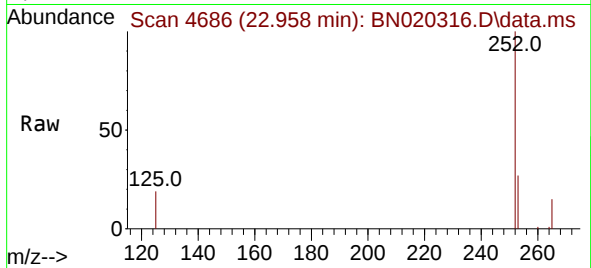
Tgt Ion:228 Resp: 8919
Ion Ratio Lower Upper
228 100
226 30.6 24.7 37.1
229 20.3 16.0 24.0



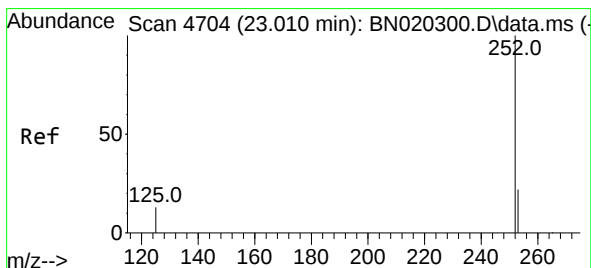
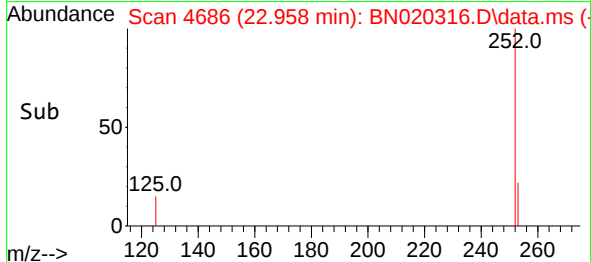
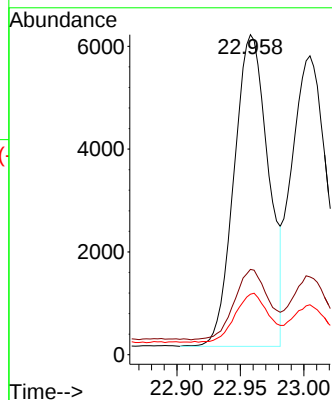


#24
Benzo(b)fluoranthene
Concen: 0.208 ng/ul
RT: 22.958 min Scan# 4686
Delta R.T. -0.008 min
Lab File: BN020316.D
Acq: 21 Jun 2022 20:16

Instrument :
BNA_N
ClientSampleId :
SSTD0.4375

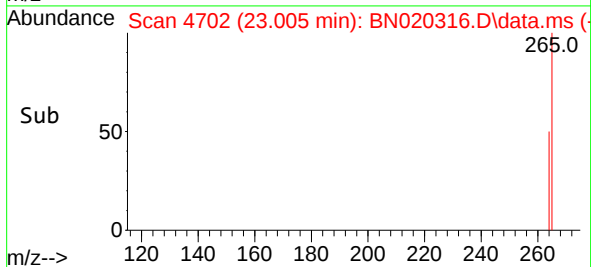
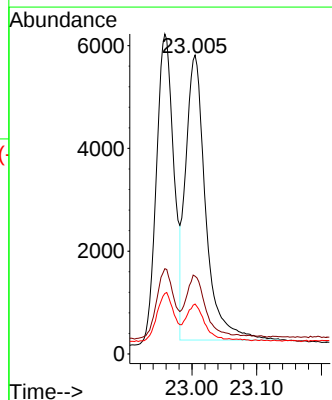
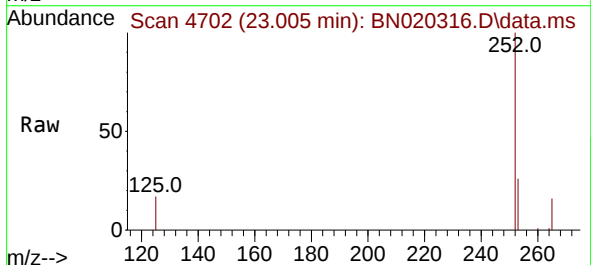


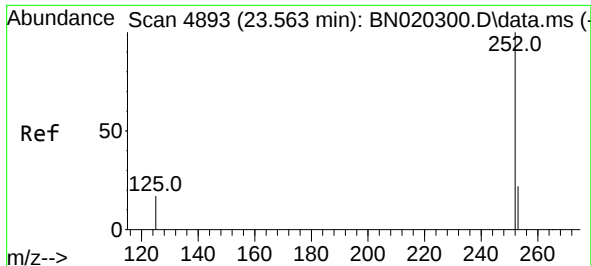
Tgt Ion:252 Resp: 11421
Ion Ratio Lower Upper
252 100
253 26.6 0.0 49.4
125 18.9 0.0 33.2



#25
Benzo(k)fluoranthene
Concen: 0.233 ng/ul
RT: 23.005 min Scan# 4702
Delta R.T. -0.005 min
Lab File: BN020316.D
Acq: 21 Jun 2022 20:16

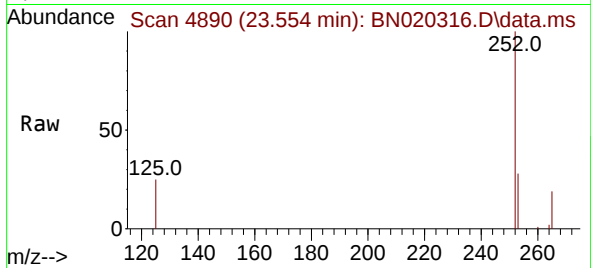
Tgt Ion:252 Resp: 11880
Ion Ratio Lower Upper
252 100
253 26.0 20.2 30.4
125 16.7 12.3 18.5



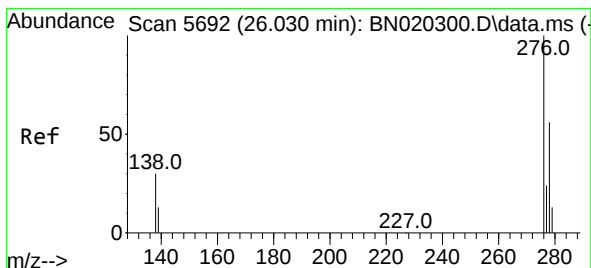
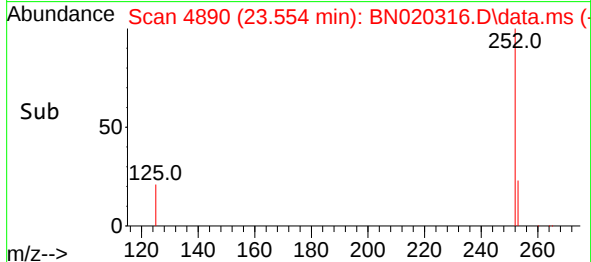
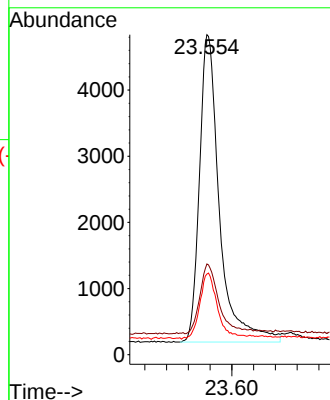


#26
Benzo(a)pyrene
Concen: 0.342 ng/ul
RT: 23.554 min Scan# 4890
Delta R.T. -0.008 min
Lab File: BN020316.D
Acq: 21 Jun 2022 20:16

Instrument :
BNA_N
ClientSampleId :
SSTD0.4375

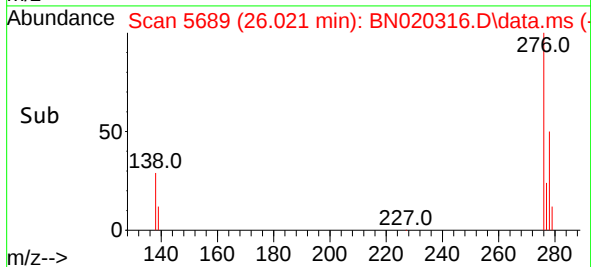
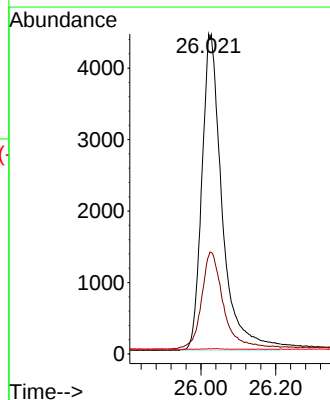
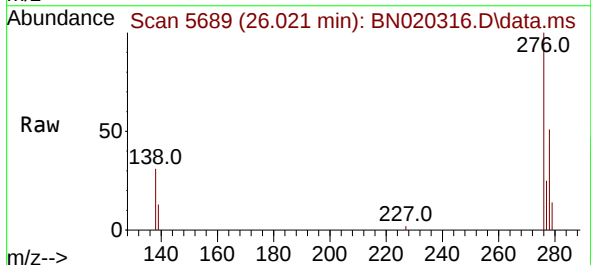


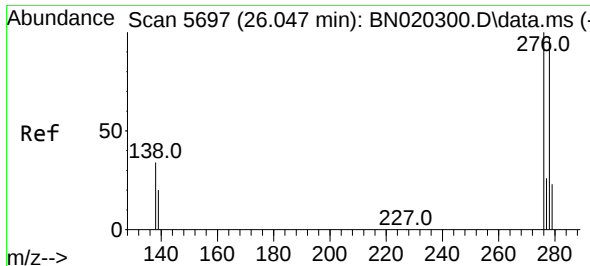
Tgt Ion:252 Resp: 11878
Ion Ratio Lower Upper
252 100
253 28.3 21.7 32.5
125 25.2 18.6 28.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.296 ng/ul
RT: 26.021 min Scan# 5689
Delta R.T. -0.020 min
Lab File: BN020316.D
Acq: 21 Jun 2022 20:16

Tgt Ion:276 Resp: 16728
Ion Ratio Lower Upper
276 100
138 33.9 26.5 39.7
227 0.1 0.0 0.0#

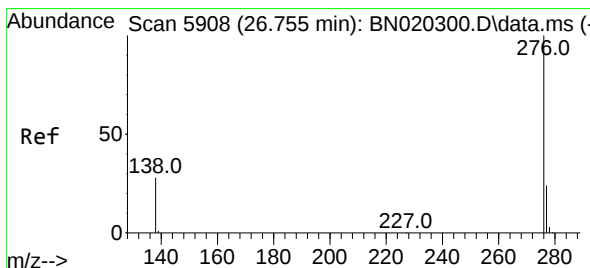
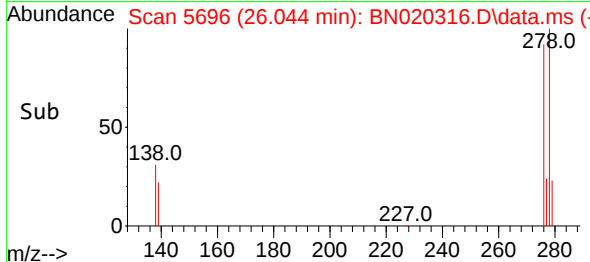
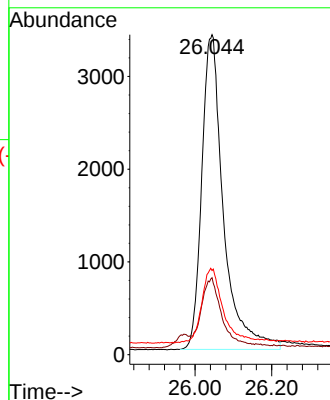
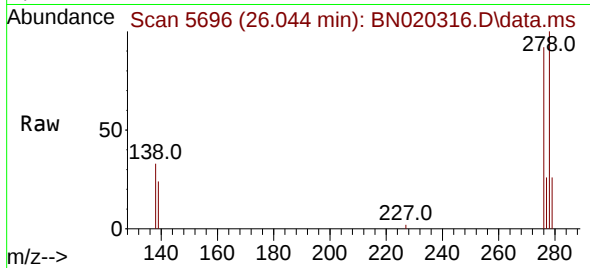




#28
Dibenzo(a,h)anthracene
Concen: 0.297 ng/ul
RT: 26.044 min Scan# 5696
Delta R.T. -0.006 min
Lab File: BN020316.D
Acq: 21 Jun 2022 20:16

Instrument :
BNA_N
ClientSampleId :
SSTD0.4375

Tgt Ion:278 Resp: 13368
Ion Ratio Lower Upper
278 100
139 24.0 18.2 27.2
279 26.3 20.8 31.2



#29
Benzo(g,h,i)perylene
Concen: 0.304 ng/ul
RT: 26.752 min Scan# 5907
Delta R.T. -0.013 min
Lab File: BN020316.D
Acq: 21 Jun 2022 20:16

Tgt Ion:276 Resp: 15179
Ion Ratio Lower Upper
276 100
138 29.2 23.0 34.4
277 24.7 19.7 29.5

