

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042922\
 Data File : BN019558.D
 Acq On : 28 Apr 2022 10:15
 Operator : CG/JU
 Sample : SST0.231
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST0.2231

Quant Time: Apr 28 12:57:09 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 28 12:54:20 2022
 Response via : Initial Calibration

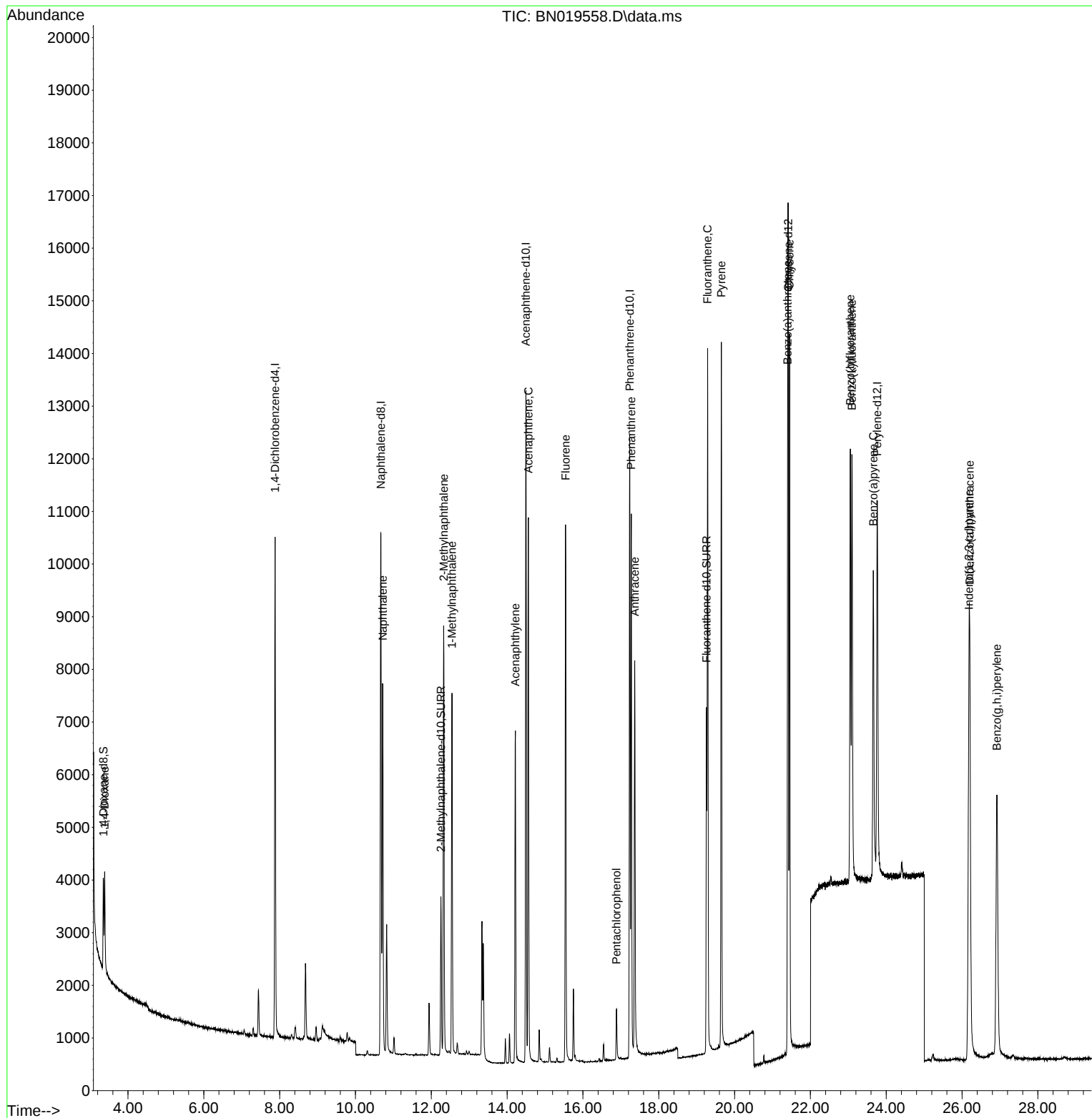
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.880	152	5170	0.400	ng/ul	0.00
4) Naphthalene-d8	10.671	136	14362	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.496	164	7336	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.233	188	14230	0.400	ng/ul	0.00
17) Chrysene-d12	21.415	240	12312	0.400	ng/ul #	0.00
23) Perylene-d12	23.765	264	10646	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.353	96	1165	0.186	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.255	152	4084	0.212	ng/ul	0.00
18) Fluoranthene-d10	19.261	212	7261	0.145	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.387	88	1178	0.184	ng/ul#	78
5) Naphthalene	10.720	128	10072	0.247	ng/ul	99
7) 2-Methylnaphthalene	12.326	142	6098	0.240	ng/ul#	100
8) 1-Methylnaphthalene	12.546	142	4955	0.181	ng/ul#	100
10) Acenaphthylene	14.218	152	7749	0.287	ng/ul	100
11) Acenaphthene	14.561	153	6206	0.233	ng/ul	99
12) Fluorene	15.541	166	6867	0.251	ng/ul	99
14) Pentachlorophenol	16.886	266	726	0.383	ng/ul	92
15) Phenanthrene	17.275	178	11285	0.233	ng/ul	98
16) Anthracene	17.368	178	9135	0.262	ng/ul	100
19) Fluoranthene	19.289	202	11873	0.174	ng/ul	96
20) Pyrene	19.651	202	12154	0.164	ng/ul	97
21) Benzo(a)anthracene	21.397	228	9847	0.280	ng/ul	99
22) Chrysene	21.450	228	11759	0.257	ng/ul	100
24) Benzo(b)fluoranthene	23.051	252	11129	0.220	ng/ul	97
25) Benzo(k)fluoranthene	23.095	252	10764	0.195	ng/ul#	90
26) Benzo(a)pyrene	23.660	252	9740	0.222	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.182	276	11951	0.268	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.202	278	10013	0.338	ng/ul#	83
29) Benzo(g,h,i)perylene	26.919	276	11109	0.235	ng/ul	95

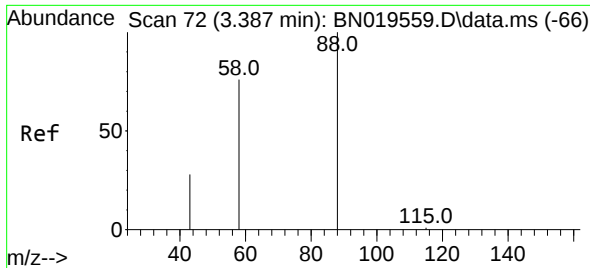
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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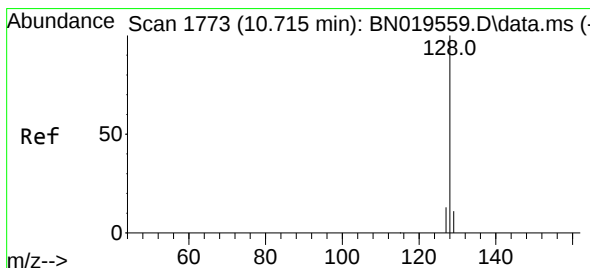
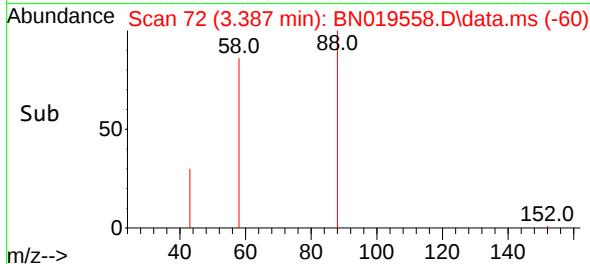
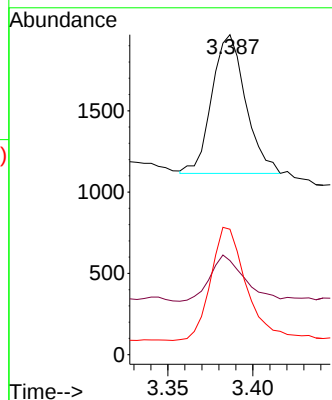
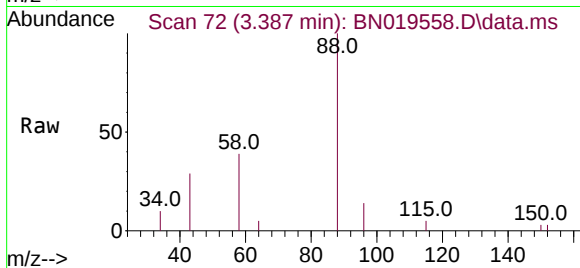




#2
 1,4-Dioxane
 Concen: 0.184 ng/ul
 RT: 3.387 min Scan# 72
 Delta R.T. 0.000 min
 Lab File: BN019558.D
 Acq: 28 Apr 2022 10:15

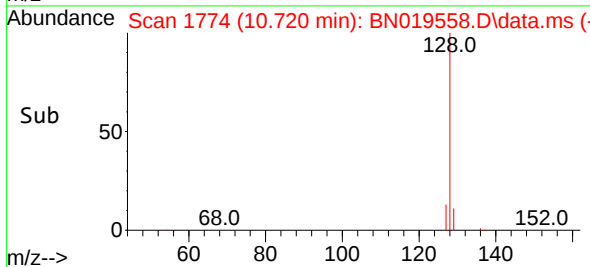
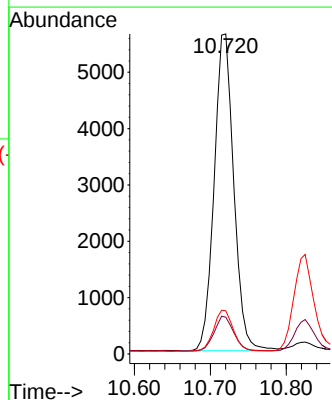
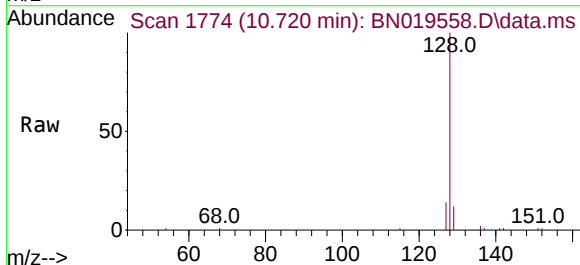
Instrument :
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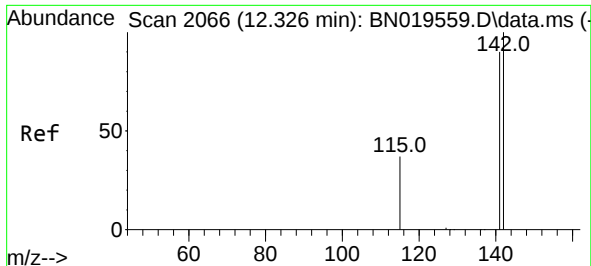
Tgt Ion: 88 Resp: 1178
 Ion Ratio Lower Upper
 88 100
 43 29.4 39.0 58.4#
 58 39.2 39.8 59.8#



#5
 Naphthalene
 Concen: 0.247 ng/ul
 RT: 10.720 min Scan# 1774
 Delta R.T. 0.005 min
 Lab File: BN019558.D
 Acq: 28 Apr 2022 10:15

Tgt Ion: 128 Resp: 10072
 Ion Ratio Lower Upper
 128 100
 129 11.5 9.5 14.3
 127 13.5 11.0 16.4

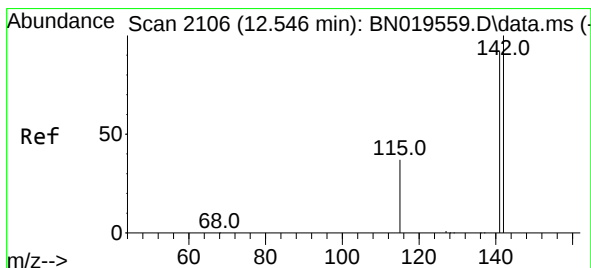
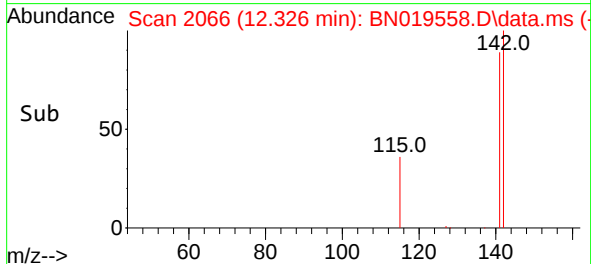
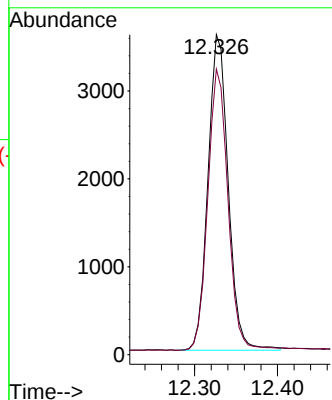
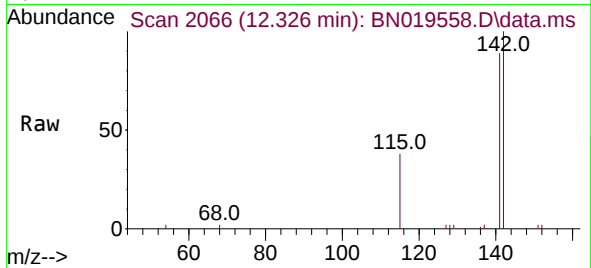




#7
2-Methylnaphthalene
Concen: 0.240 ng/ul
RT: 12.326 min Scan# 2066
Delta R.T. 0.000 min
Lab File: BN019558.D
Acq: 28 Apr 2022 10:15

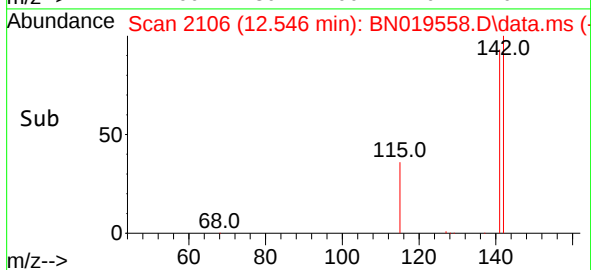
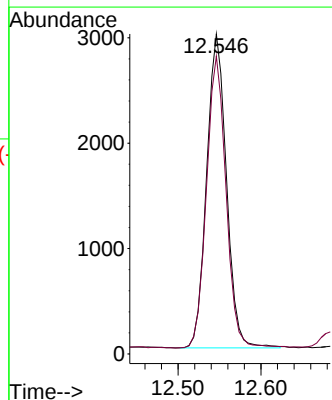
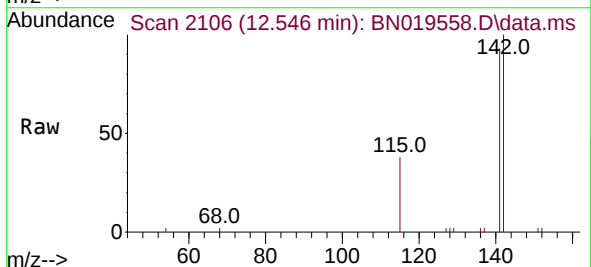
Instrument :
BNA_N
ClientSampleId :
SSTD0.2231

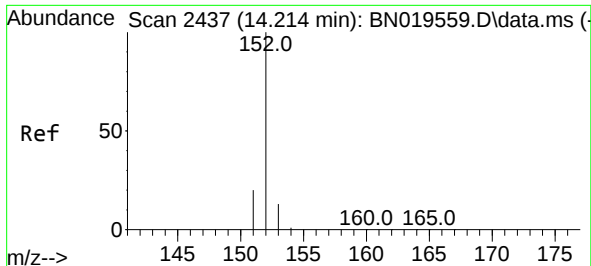
Tgt Ion:142 Resp: 6098
Ion Ratio Lower Upper
142 100
141 88.8 0.0 0.0#



#8
1-Methylnaphthalene
Concen: 0.181 ng/ul
RT: 12.546 min Scan# 2106
Delta R.T. 0.000 min
Lab File: BN019558.D
Acq: 28 Apr 2022 10:15

Tgt Ion:142 Resp: 4955
Ion Ratio Lower Upper
142 100
141 91.9 0.0 0.0#

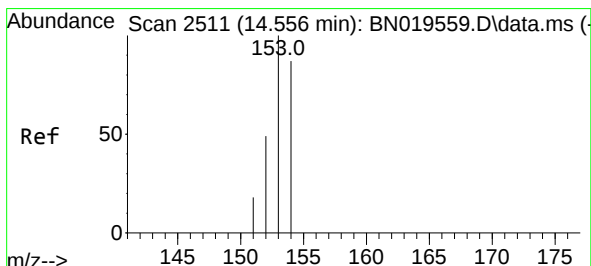
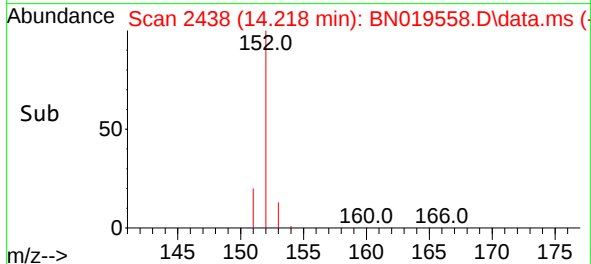
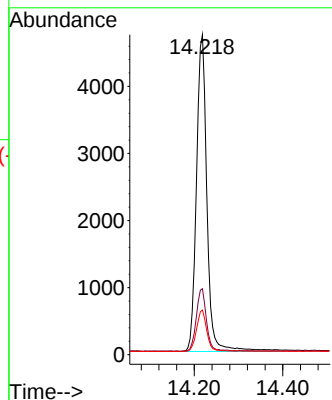
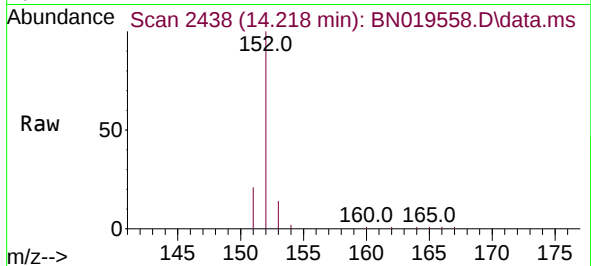




#10
Acenaphthylene
Concen: 0.287 ng/ul
RT: 14.218 min Scan# 2438
Delta R.T. 0.005 min
Lab File: BN019558.D
Acq: 28 Apr 2022 10:15

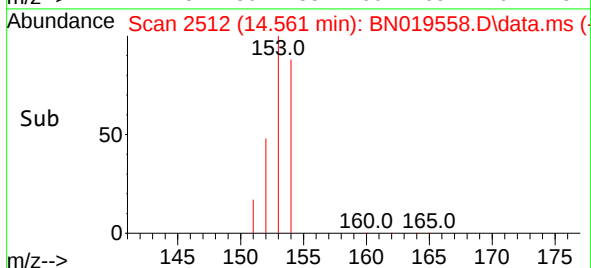
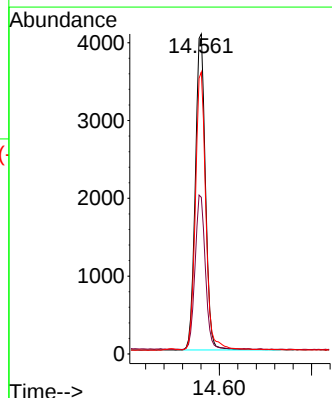
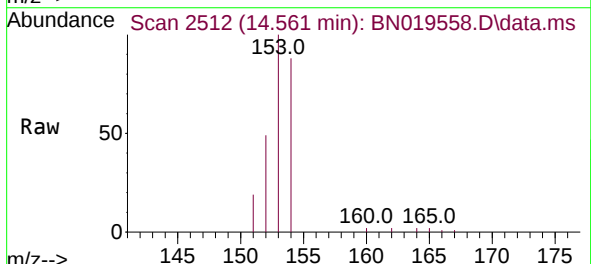
Instrument :
BNA_N
ClientSampleId :
SSTD0.2231

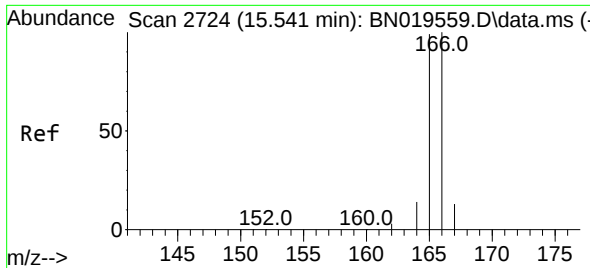
Tgt Ion:152 Resp: 7749
Ion Ratio Lower Upper
152 100
151 20.6 16.3 24.5
153 13.9 11.1 16.7



#11
Acenaphthene
Concen: 0.233 ng/ul
RT: 14.561 min Scan# 2512
Delta R.T. 0.005 min
Lab File: BN019558.D
Acq: 28 Apr 2022 10:15

Tgt Ion:153 Resp: 6206
Ion Ratio Lower Upper
153 100
152 49.0 38.6 57.8
154 88.1 71.2 106.8

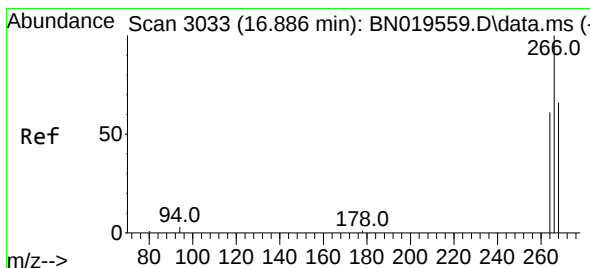
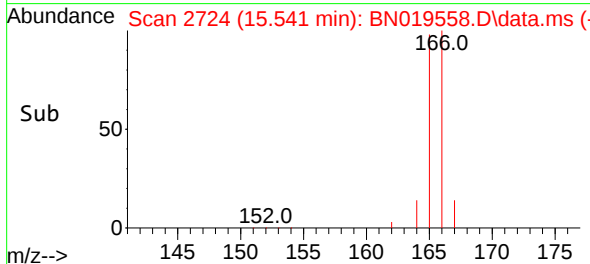
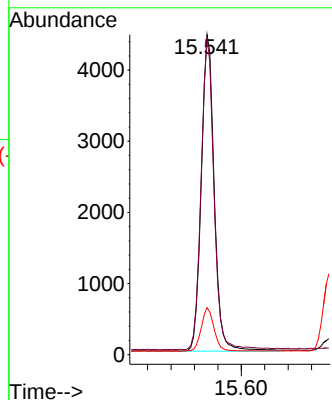
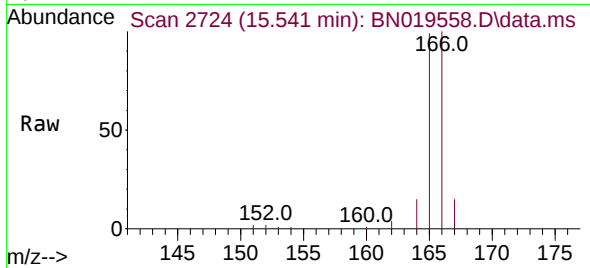




#12
Fluorene
Concen: 0.251 ng/ul
RT: 15.541 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN019558.D
Acq: 28 Apr 2022 10:15

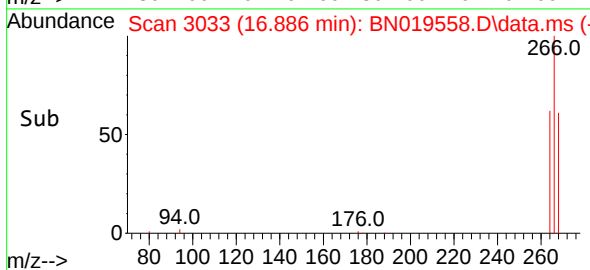
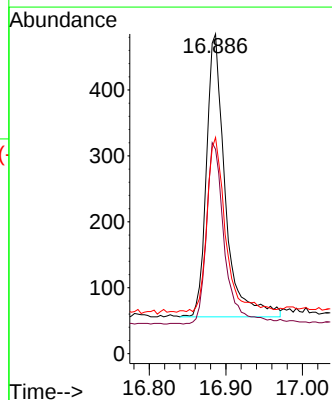
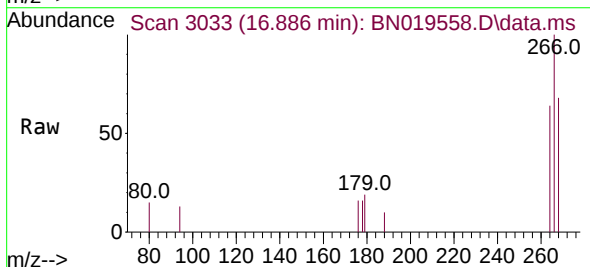
Instrument :
BNA_N
ClientSampleId :
SSTD0.2231

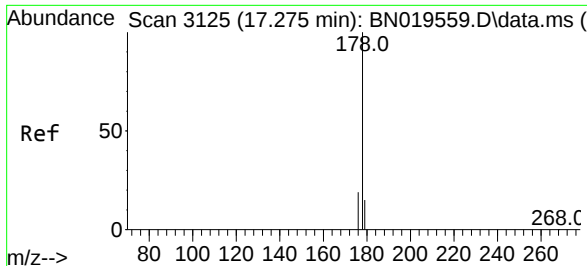
Tgt Ion:166 Resp: 6867
Ion Ratio Lower Upper
166 100
165 99.1 78.2 117.2
167 14.7 11.3 16.9



#14
Pentachlorophenol
Concen: 0.383 ng/ul
RT: 16.886 min Scan# 3033
Delta R.T. 0.000 min
Lab File: BN019558.D
Acq: 28 Apr 2022 10:15

Tgt Ion:266 Resp: 726
Ion Ratio Lower Upper
266 100
264 62.1 44.9 67.3
268 61.6 44.6 67.0

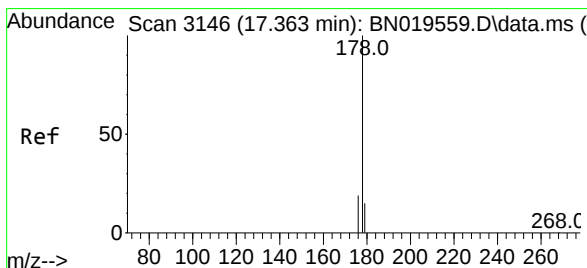
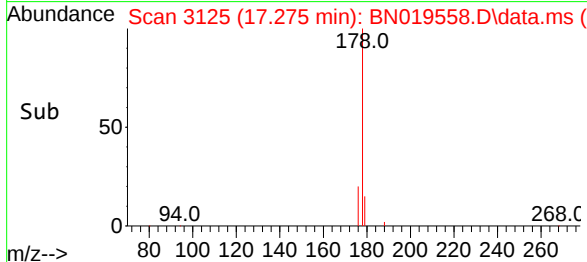
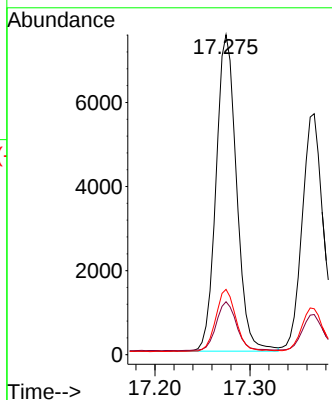
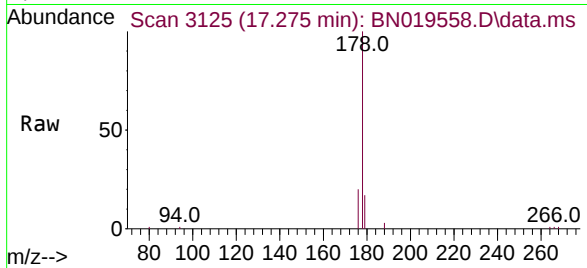




#15
Phenanthrene
Concen: 0.233 ng/ul
RT: 17.275 min Scan# 3125
Delta R.T. 0.000 min
Lab File: BN019558.D
Acq: 28 Apr 2022 10:15

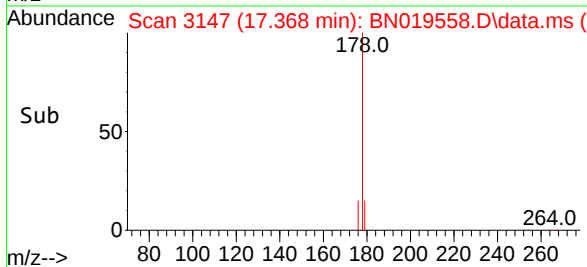
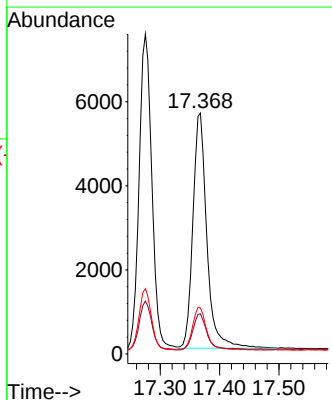
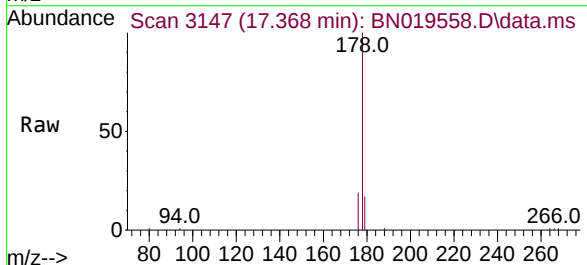
Instrument :
BNA_N
ClientSampleId :
SSTD0.2231

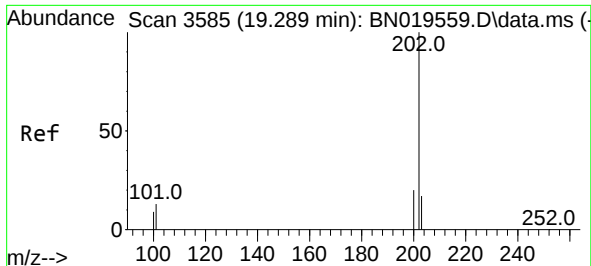
Tgt Ion:	178	Resp:	11285
Ion Ratio	Lower	Upper	
178	100		
179	16.5	12.9	19.3
176	20.4	15.5	23.3



#16
Anthracene
Concen: 0.262 ng/ul
RT: 17.368 min Scan# 3147
Delta R.T. 0.004 min
Lab File: BN019558.D
Acq: 28 Apr 2022 10:15

Tgt Ion:	178	Resp:	9135
Ion Ratio	Lower	Upper	
178	100		
179	16.6	13.1	19.7
176	19.1	15.3	22.9





#19

Fluoranthene

Concen: 0.174 ng/ul

RT: 19.289 min Scan# 3585

Delta R.T. 0.000 min

Lab File: BN019558.D

Acq: 28 Apr 2022 10:15

Instrument :

BNA_N

ClientSampleId :

SSTD0.2231

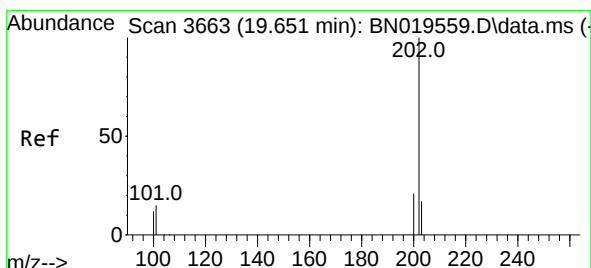
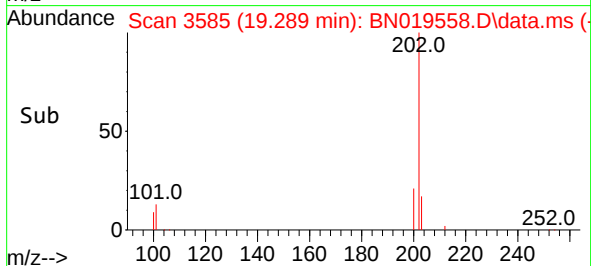
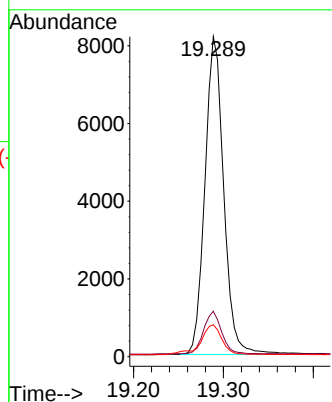
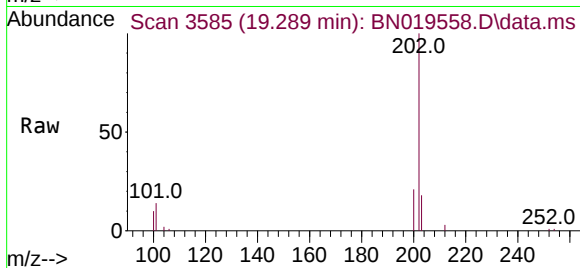
Tgt Ion:202 Resp: 11873

Ion Ratio Lower Upper

202 100

101 14.2 9.7 14.5

100 10.0 7.4 11.2



#20

Pyrene

Concen: 0.164 ng/ul

RT: 19.651 min Scan# 3663

Delta R.T. 0.000 min

Lab File: BN019558.D

Acq: 28 Apr 2022 10:15

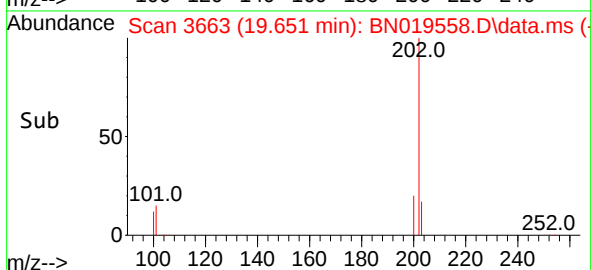
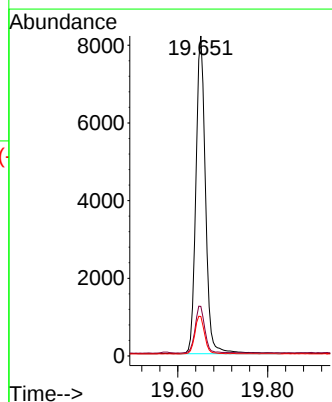
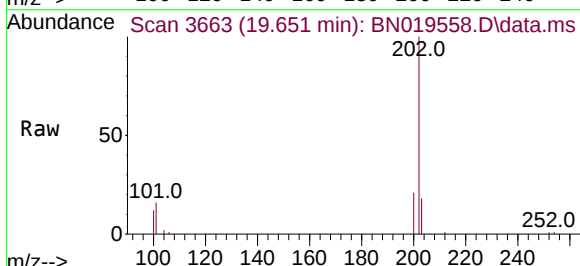
Tgt Ion:202 Resp: 12154

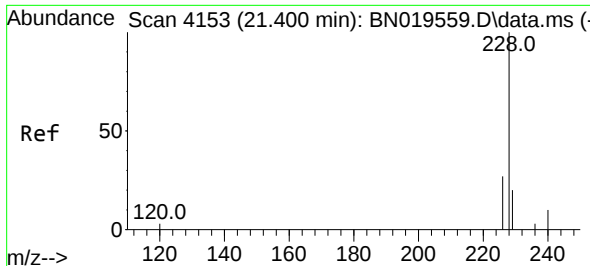
Ion Ratio Lower Upper

202 100

101 15.5 11.4 17.0

100 12.3 9.0 13.4

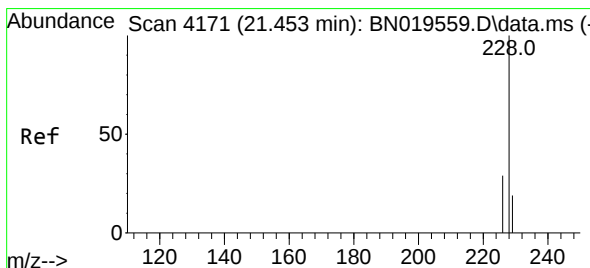
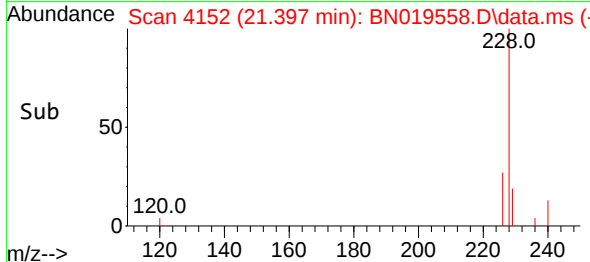
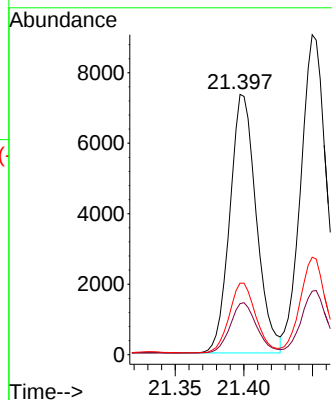
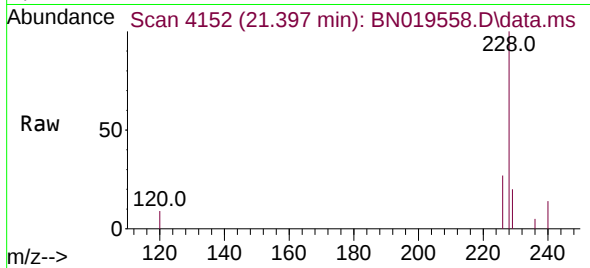




#21
Benzo(a)anthracene
Concen: 0.280 ng/ul
RT: 21.397 min Scan# 4153
Delta R.T. -0.003 min
Lab File: BN019558.D
Acq: 28 Apr 2022 10:15

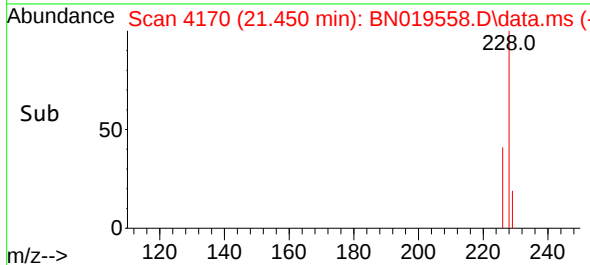
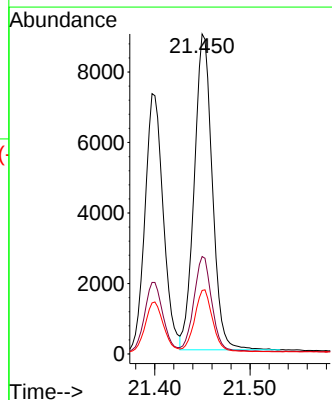
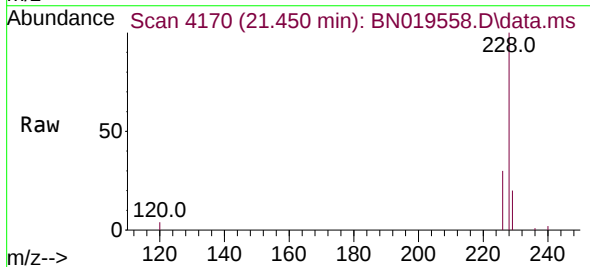
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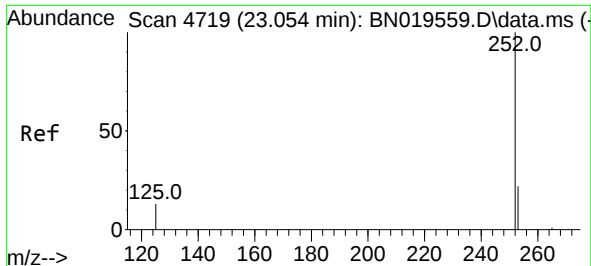
Tgt Ion:228 Resp: 9847
Ion Ratio Lower Upper
228 100
229 19.6 16.1 24.1
226 27.5 22.1 33.1



#22
Chrysene
Concen: 0.257 ng/ul
RT: 21.450 min Scan# 4170
Delta R.T. -0.003 min
Lab File: BN019558.D
Acq: 28 Apr 2022 10:15

Tgt Ion:228 Resp: 11759
Ion Ratio Lower Upper
228 100
226 30.4 24.2 36.2
229 19.9 16.0 24.0

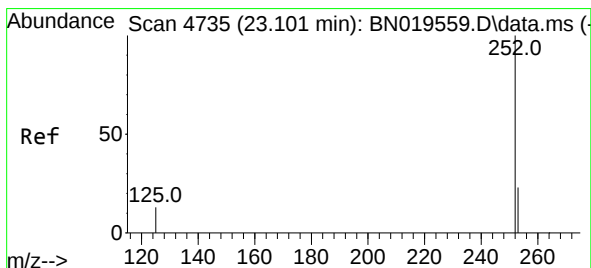
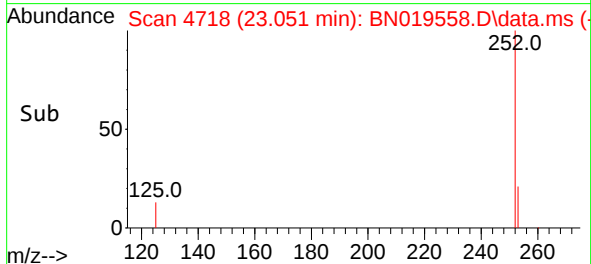
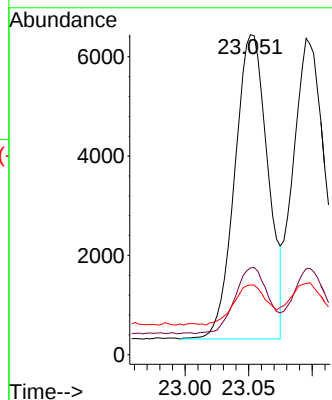
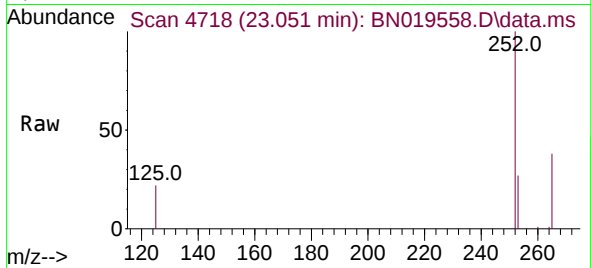




#24
Benzo(b)fluoranthene
Concen: 0.220 ng/ul
RT: 23.051 min Scan# 4719
Delta R.T. -0.003 min
Lab File: BN019558.D
Acq: 28 Apr 2022 10:15

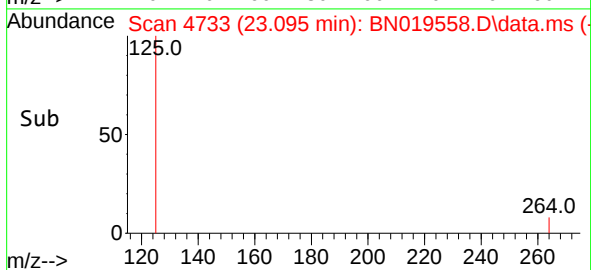
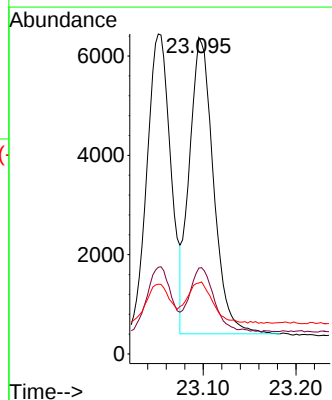
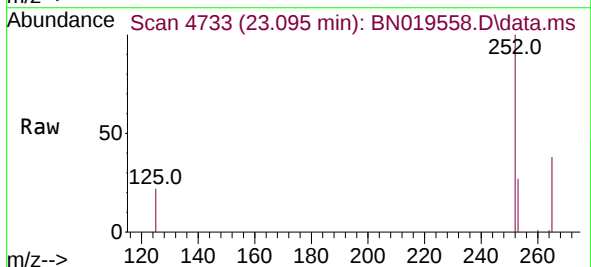
Instrument :
BNA_N
ClientSampleId :
SSTD0.2231

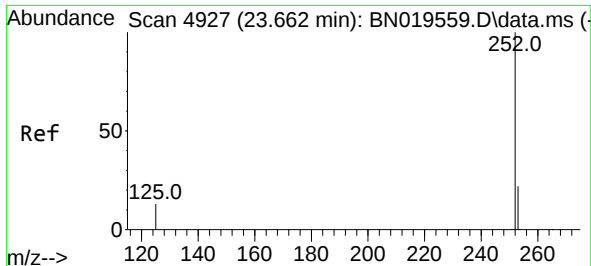
Tgt Ion:252 Resp: 11129
Ion Ratio Lower Upper
252 100
253 27.1 0.0 52.0
125 21.8 0.0 40.2



#25
Benzo(k)fluoranthene
Concen: 0.195 ng/ul
RT: 23.095 min Scan# 4733
Delta R.T. -0.006 min
Lab File: BN019558.D
Acq: 28 Apr 2022 10:15

Tgt Ion:252 Resp: 10764
Ion Ratio Lower Upper
252 100
253 27.2 20.2 30.2
125 22.4 11.0 16.6#

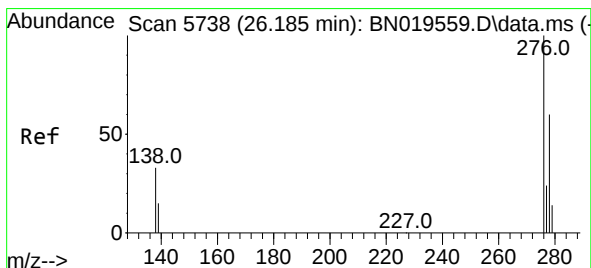
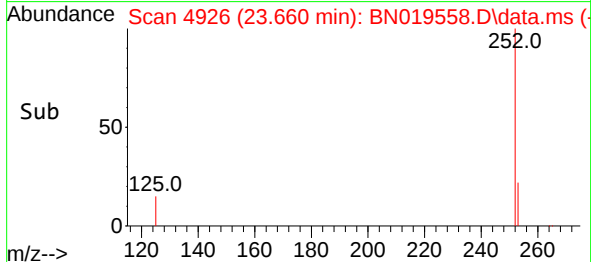
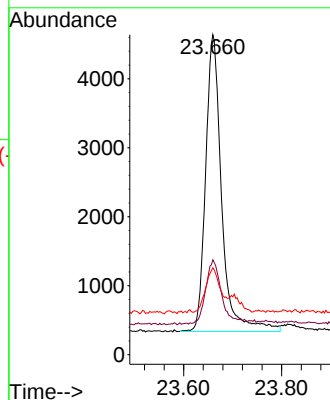
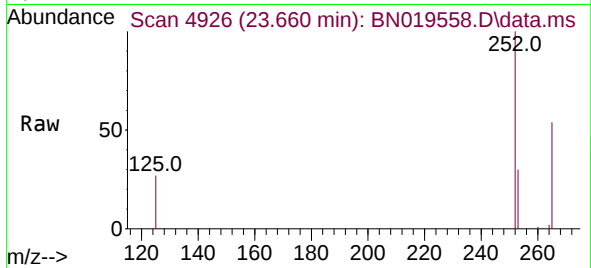




#26
Benzo(a)pyrene
Concen: 0.222 ng/ul
RT: 23.660 min Scan# 4927
Delta R.T. -0.003 min
Lab File: BN019558.D
Acq: 28 Apr 2022 10:15

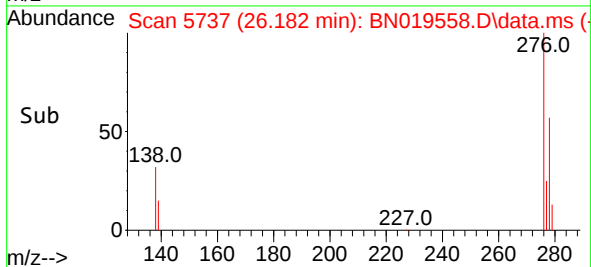
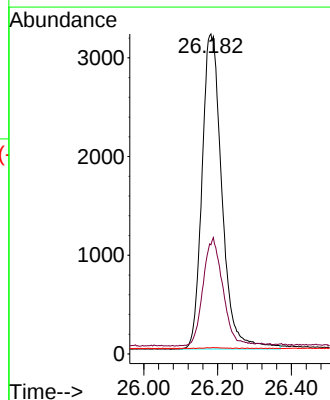
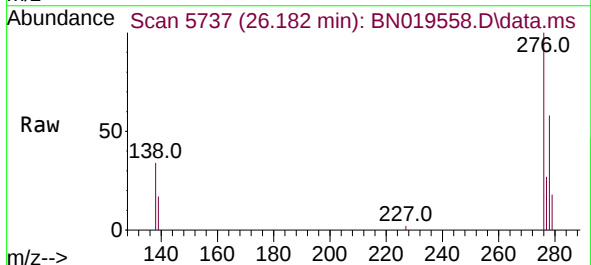
Instrument :
BNA_N
ClientSampleId :
SSTD0.2231

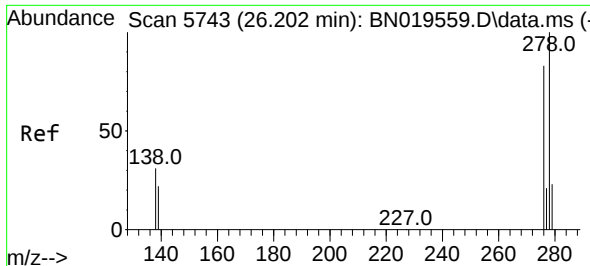
Tgt Ion:252 Resp: 9740
Ion Ratio Lower Upper
252 100
253 29.7 23.4 35.0
125 27.2 28.3 42.5#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.268 ng/ul
RT: 26.182 min Scan# 5737
Delta R.T. -0.003 min
Lab File: BN019558.D
Acq: 28 Apr 2022 10:15

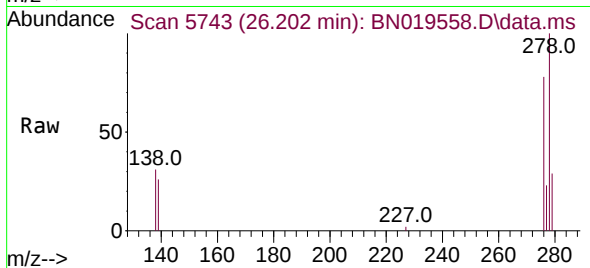
Tgt Ion:276 Resp: 11951
Ion Ratio Lower Upper
276 100
138 34.7 23.6 35.4
227 0.2 0.0 0.0#



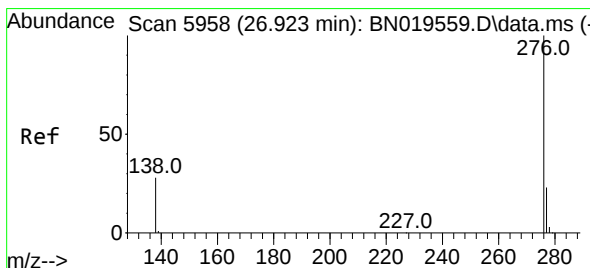
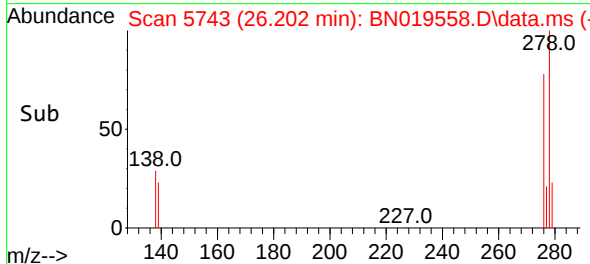
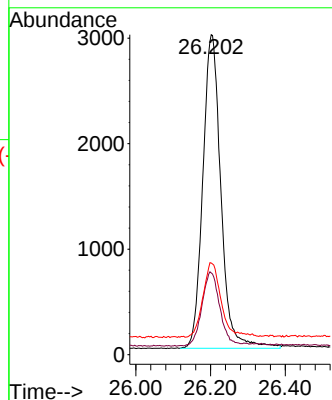


#28
Dibenzo(a,h)anthracene
Concen: 0.338 ng/ul
RT: 26.202 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN019558.D
Acq: 28 Apr 2022 10:15

Instrument :
BNA_N
ClientSampleId :
SSTD0.2231



Tgt Ion:278 Resp: 10013
Ion Ratio Lower Upper
278 100
139 25.6 18.6 28.0
279 28.7 35.1 52.7#



#29
Benzo(g,h,i)perylene
Concen: 0.235 ng/ul
RT: 26.919 min Scan# 5957
Delta R.T. -0.003 min
Lab File: BN019558.D
Acq: 28 Apr 2022 10:15

Tgt Ion:276 Resp: 11109
Ion Ratio Lower Upper
276 100
138 30.5 20.9 31.3
277 24.9 20.4 30.6

