

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052422\
 Data File : BN019938.D
 Acq On : 25 May 2022 00:07
 Operator : CG/JU
 Sample : PB144962BS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS005

Quant Time: May 25 01:46:40 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN052322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 23 14:58:28 2022
 Response via : Initial Calibration

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

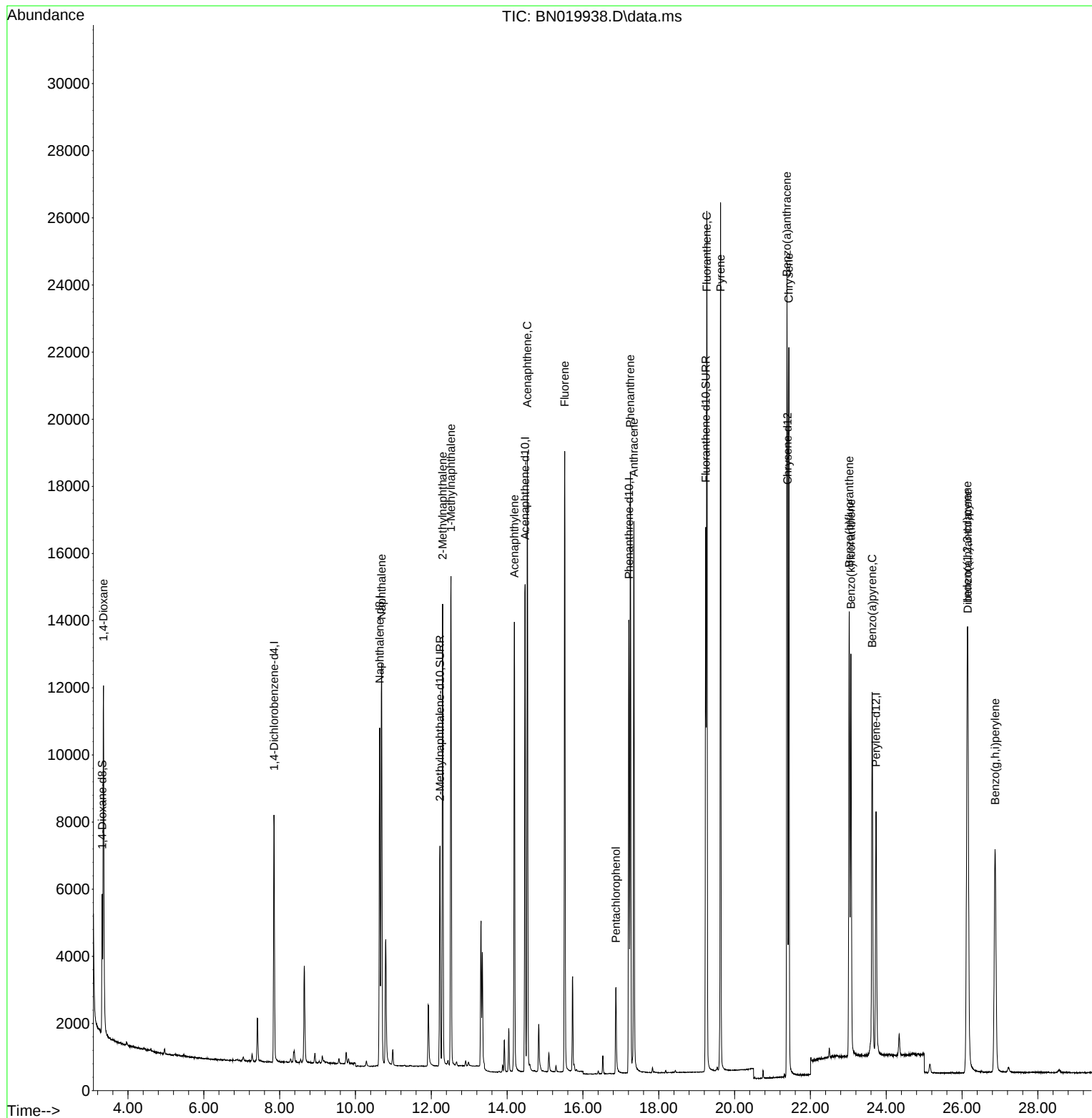
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	4072	0.400	ng/ul	0.00
4) Naphthalene-d8	10.639	136	14131	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.474	164	8486	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.213	188	17080	0.400	ng/ul	0.00
17) Chrysene-d12	21.397	240	12183	0.400	ng/ul	0.00
23) Perylene-d12	23.732	264	10179	0.400	ng/ul #-	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	2753	0.725	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.229	152	8854	0.384	ng/ul	0.00
18) Fluoranthene-d10	19.239	212	18021	0.414	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.353	88	6671	1.684	ng/ul#	73
5) Naphthalene	10.689	128	17162	0.387	ng/ul	100
7) 2-Methylnaphthalene	12.300	142	10104	0.344	ng/ul#	100
8) 1-Methylnaphthalene	12.520	142	10483	0.383	ng/ul#	100
10) Acenaphthylene	14.192	152	15712	0.325	ng/ul	99
11) Acenaphthene	14.534	153	10928	0.334	ng/ul	99
12) Fluorene	15.520	166	12288	0.335	ng/ul	100
14) Pentachlorophenol	16.871	266	2042	0.718	ng/ul	89
15) Phenanthrene	17.251	178	20067	0.334	ng/ul	99
16) Anthracene	17.344	178	18386	0.327	ng/ul	99
19) Fluoranthene	19.267	202	22293	0.367	ng/ul	100
20) Pyrene	19.629	202	22090	0.358	ng/ul	100
21) Benzo(a)anthracene	21.379	228	17867	0.359	ng/ul	100
22) Chrysene	21.432	228	18578	0.369	ng/ul	99
24) Benzo(b)fluoranthene	23.025	252	17245	0.383	ng/ul	93
25) Benzo(k)fluoranthene	23.069	252	16324	0.373	ng/ul	98
26) Benzo(a)pyrene	23.630	252	16109	0.379	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	26.138	276	17484	0.392	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.154	278	14217	0.389	ng/ul#	80
29) Benzo(g,h,i)perylene	26.872	276	14733	0.386	ng/ul	98

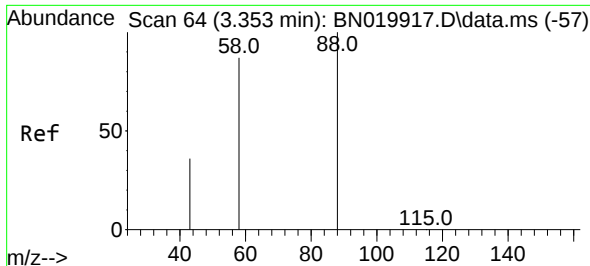
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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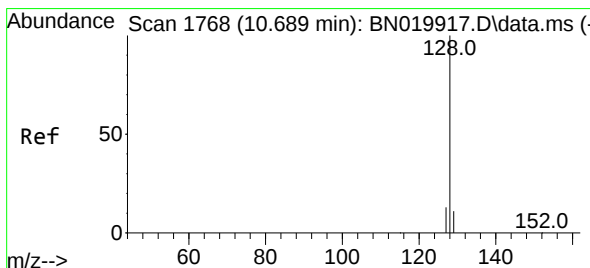
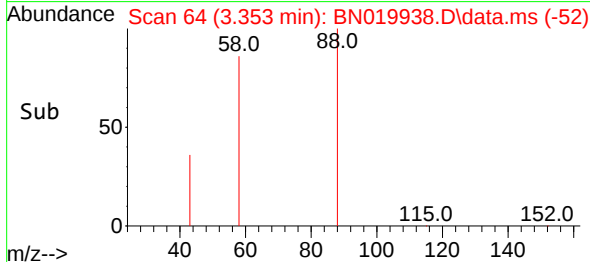
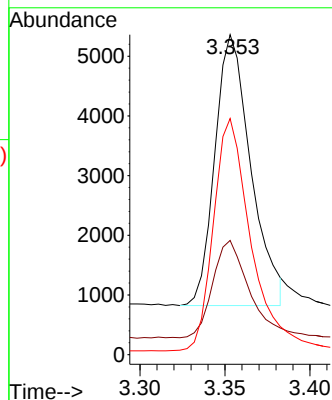
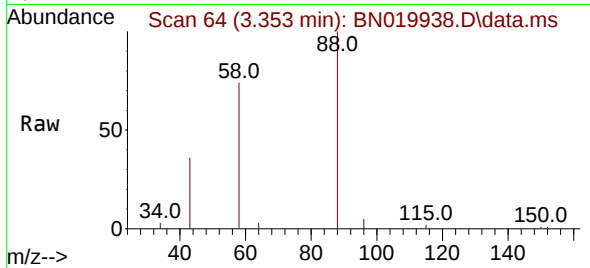




#2
1,4-Dioxane
Concen: 1.684 ng/ul
RT: 3.353 min Scan# 64
Delta R.T. 0.000 min
Lab File: BN019938.D
Acq: 25 May 2022 00:07

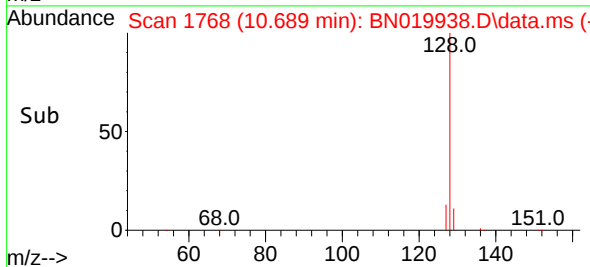
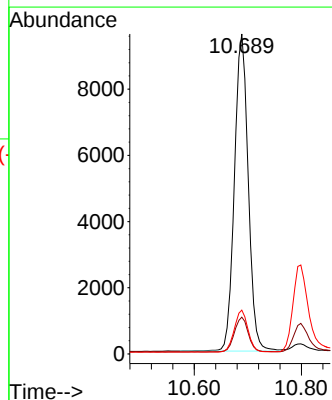
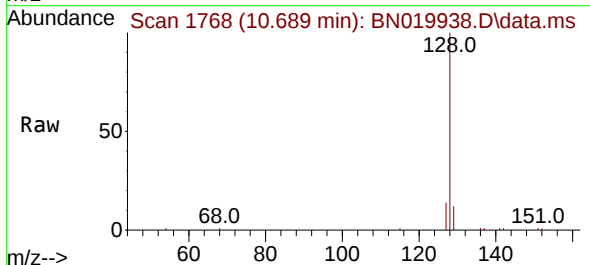
Instrument :
BNA_N
ClientSampleId :
SLCS005

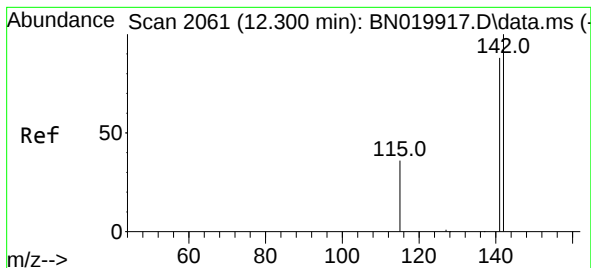
Tgt Ion: 88 Resp: 6671
Ion Ratio Lower Upper
88 100
43 35.7 39.0 58.4#
58 73.8 39.8 59.8#



#5
Naphthalene
Concen: 0.387 ng/ul
RT: 10.689 min Scan# 1768
Delta R.T. -0.004 min
Lab File: BN019938.D
Acq: 25 May 2022 00:07

Tgt Ion: 128 Resp: 17162
Ion Ratio Lower Upper
128 100
129 11.5 9.5 14.3
127 13.7 11.0 16.4

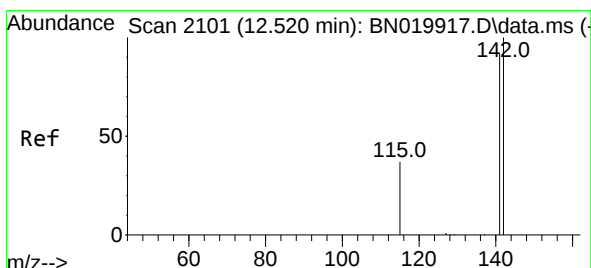
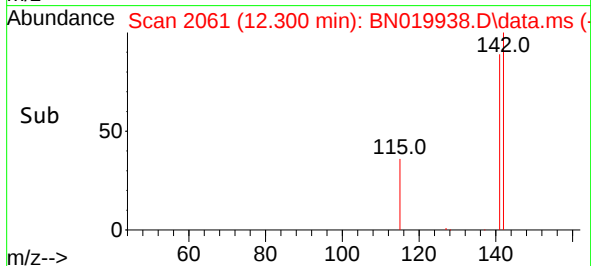
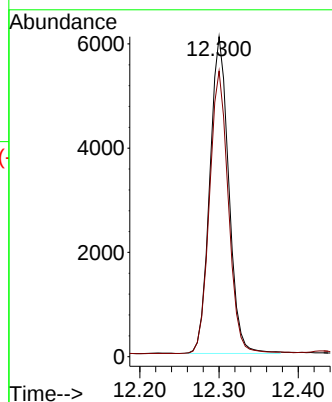
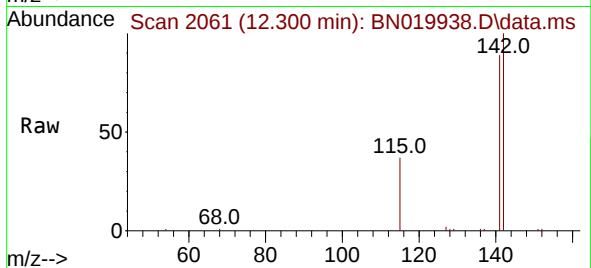




#7
2-Methylnaphthalene
Concen: 0.344 ng/ul
RT: 12.300 min Scan# 2061
Delta R.T. -0.004 min
Lab File: BN019938.D
Acq: 25 May 2022 00:07

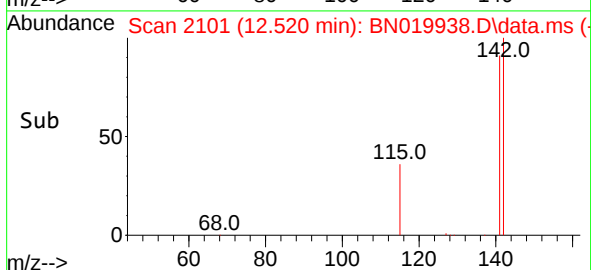
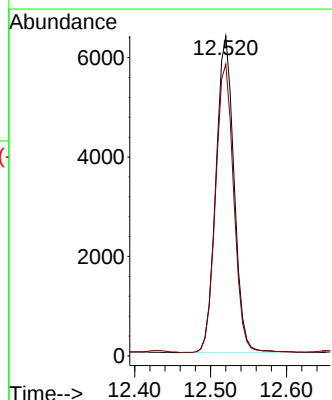
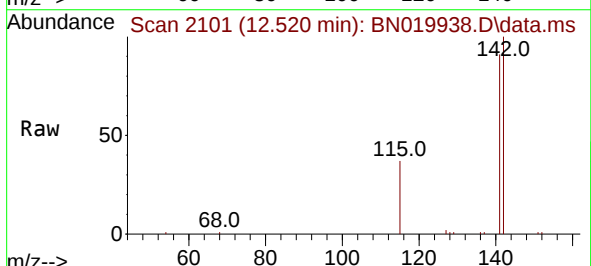
Instrument :
BNA_N
ClientSampleId :
SLCS005

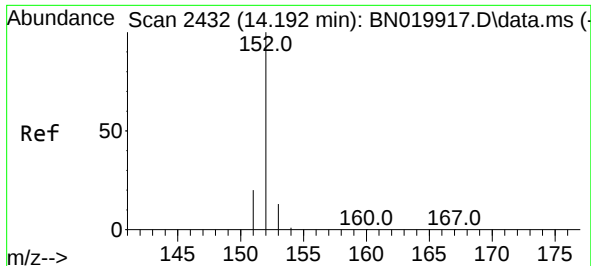
Tgt Ion:142 Resp: 10104
Ion Ratio Lower Upper
142 100
141 88.7 0.0 0.0#



#8
1-Methylnaphthalene
Concen: 0.383 ng/ul
RT: 12.520 min Scan# 2101
Delta R.T. -0.004 min
Lab File: BN019938.D
Acq: 25 May 2022 00:07

Tgt Ion:142 Resp: 10483
Ion Ratio Lower Upper
142 100
141 91.9 0.0 0.0#

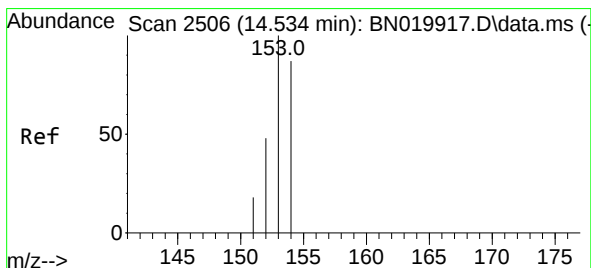
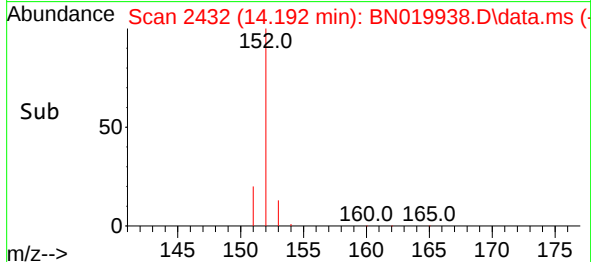
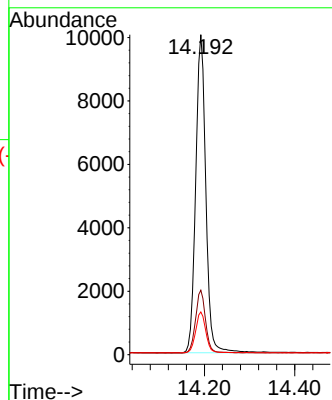
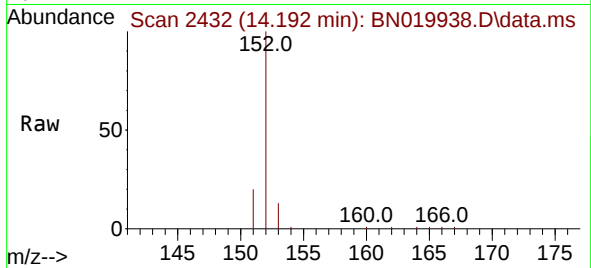




#10
Acenaphthylene
Concen: 0.325 ng/ul
RT: 14.192 min Scan# 2432
Delta R.T. -0.003 min
Lab File: BN019938.D
Acq: 25 May 2022 00:07

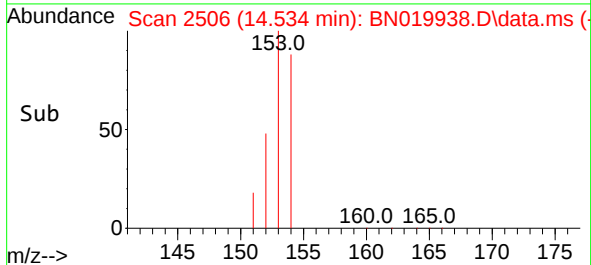
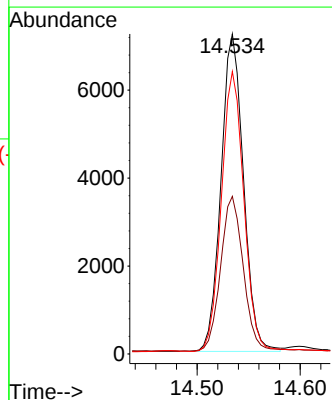
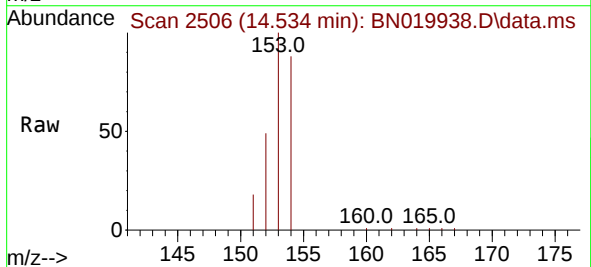
Instrument :
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ClientSampleId :
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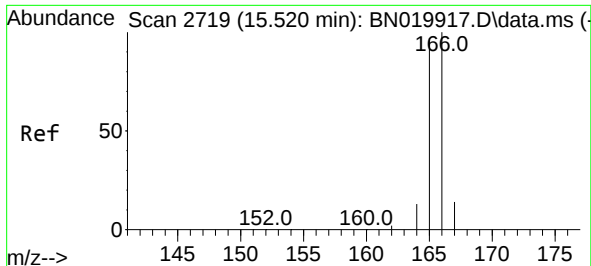
Tgt Ion:152 Resp: 15712
Ion Ratio Lower Upper
152 100
151 20.2 16.3 24.5
153 13.4 11.1 16.7



#11
Acenaphthene
Concen: 0.334 ng/ul
RT: 14.534 min Scan# 2506
Delta R.T. -0.003 min
Lab File: BN019938.D
Acq: 25 May 2022 00:07

Tgt Ion:153 Resp: 10928
Ion Ratio Lower Upper
153 100
152 49.3 38.6 57.8
154 88.3 71.2 106.8

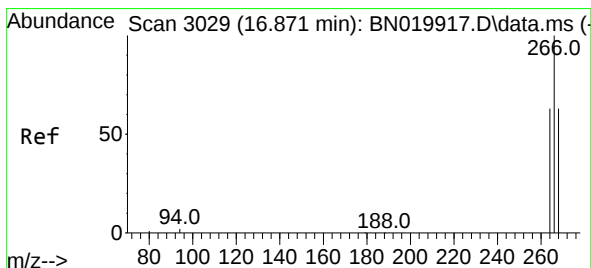
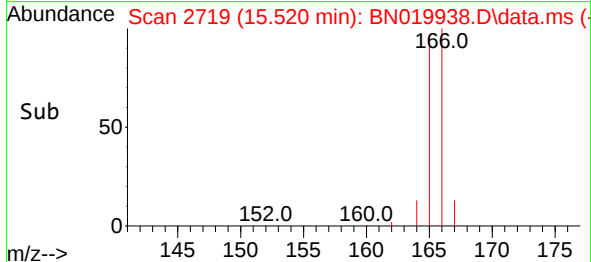
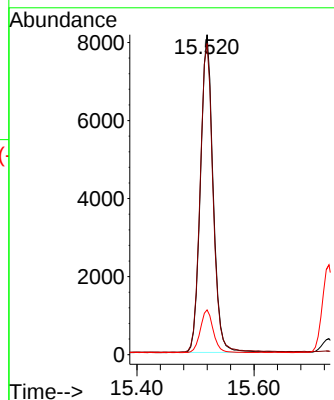
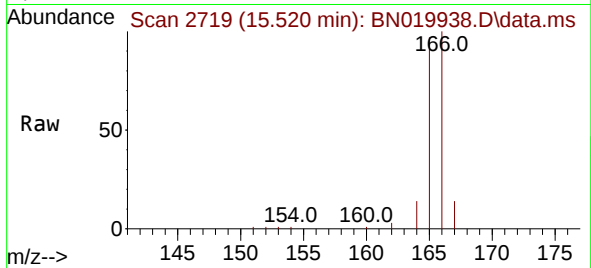




#12
Fluorene
Concen: 0.335 ng/ul
RT: 15.520 min Scan# 2719
Delta R.T. -0.003 min
Lab File: BN019938.D
Acq: 25 May 2022 00:07

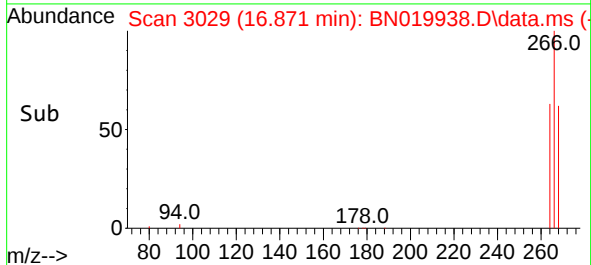
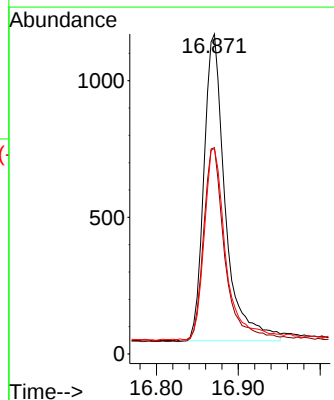
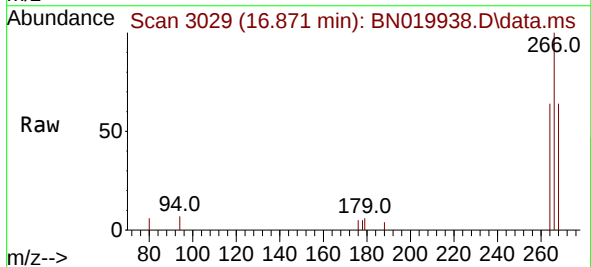
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BNA_N
ClientSampleId :
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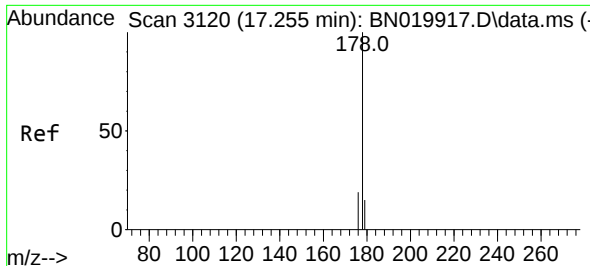
Tgt Ion:166 Resp: 12288
Ion Ratio Lower Upper
166 100
165 97.2 78.2 117.2
167 14.0 11.3 16.9



#14
Pentachlorophenol
Concen: 0.718 ng/ul
RT: 16.871 min Scan# 3029
Delta R.T. -0.003 min
Lab File: BN019938.D
Acq: 25 May 2022 00:07

Tgt Ion:266 Resp: 2042
Ion Ratio Lower Upper
266 100
264 63.6 44.9 67.3
268 63.7 44.6 67.0

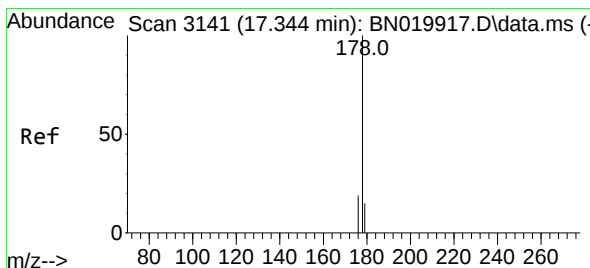
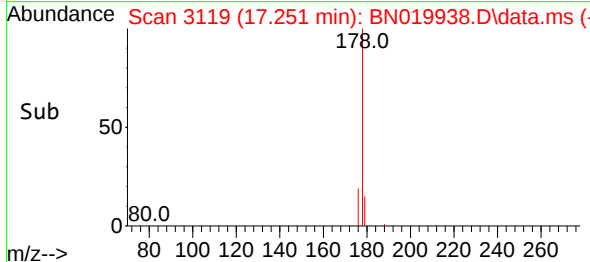
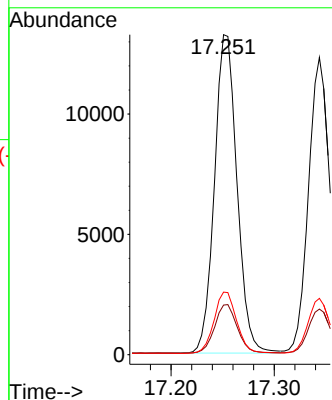
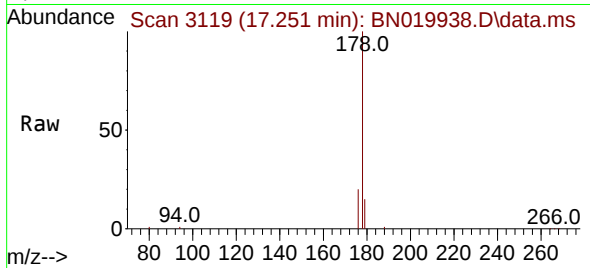




#15
Phenanthrene
Concen: 0.334 ng/ul
RT: 17.251 min Scan# 3119
Delta R.T. -0.003 min
Lab File: BN019938.D
Acq: 25 May 2022 00:07

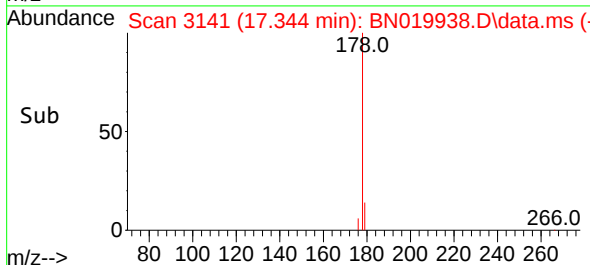
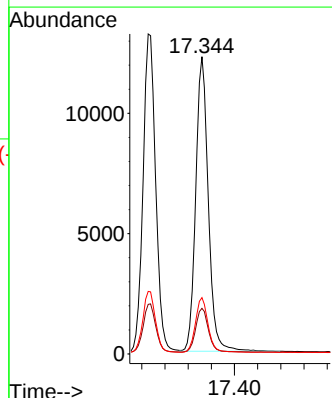
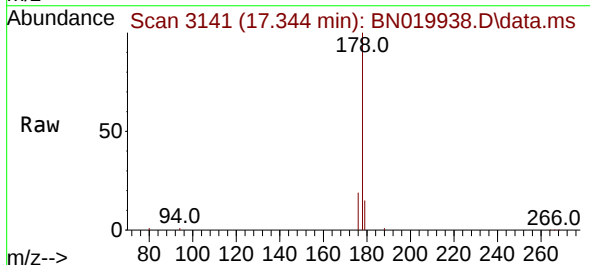
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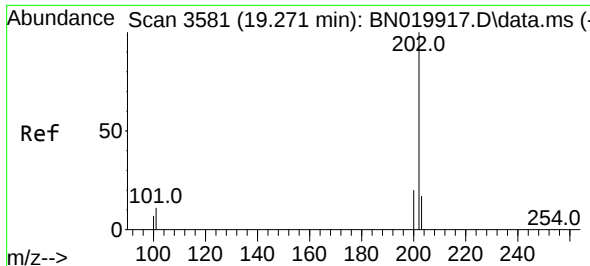
Tgt Ion:178 Resp: 20067
Ion Ratio Lower Upper
178 100
179 15.5 12.9 19.3
176 19.6 15.5 23.3



#16
Anthracene
Concen: 0.327 ng/ul
RT: 17.344 min Scan# 3141
Delta R.T. -0.003 min
Lab File: BN019938.D
Acq: 25 May 2022 00:07

Tgt Ion:178 Resp: 18386
Ion Ratio Lower Upper
178 100
179 15.4 13.1 19.7
176 18.9 15.3 22.9

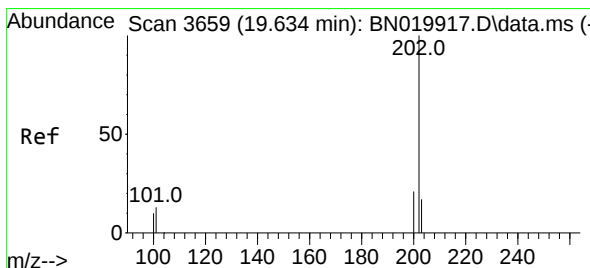
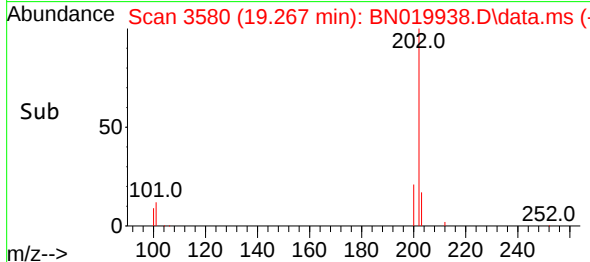
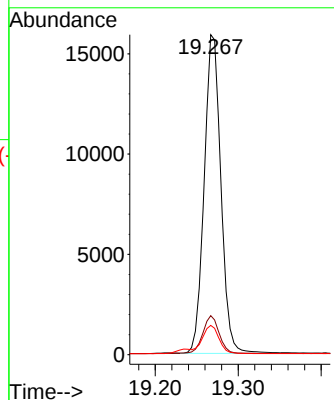
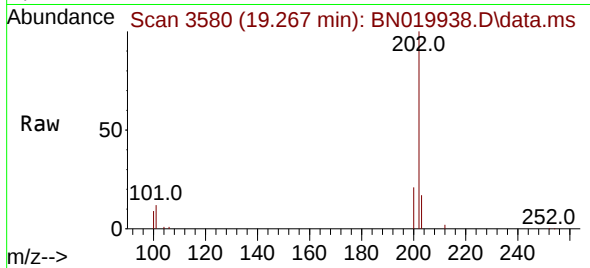




#19
Fluoranthene
Concen: 0.367 ng/ul
RT: 19.267 min Scan# 3580
Delta R.T. -0.007 min
Lab File: BN019938.D
Acq: 25 May 2022 00:07

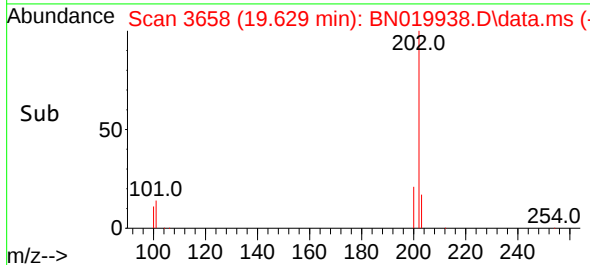
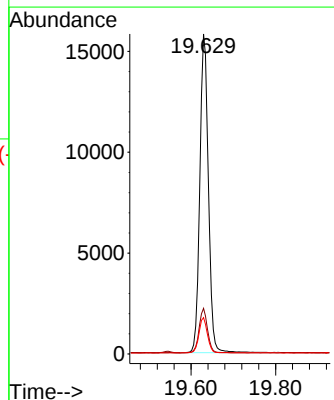
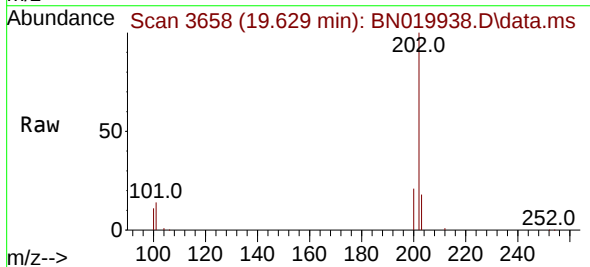
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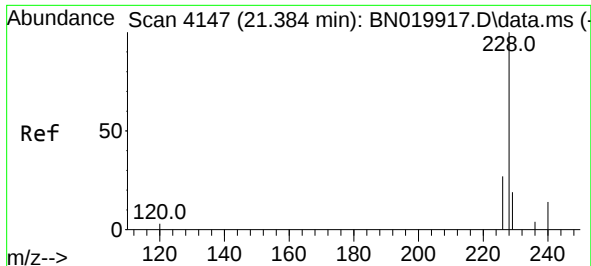
Tgt Ion:202 Resp: 22293
Ion Ratio Lower Upper
202 100
101 12.2 9.7 14.5
100 9.1 7.4 11.2



#20
Pyrene
Concen: 0.358 ng/ul
RT: 19.629 min Scan# 3658
Delta R.T. -0.007 min
Lab File: BN019938.D
Acq: 25 May 2022 00:07

Tgt Ion:202 Resp: 22090
Ion Ratio Lower Upper
202 100
101 14.3 11.4 17.0
100 11.4 9.0 13.4

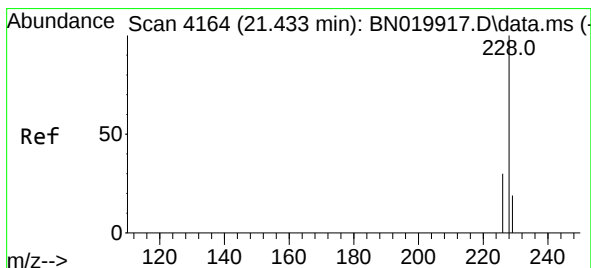
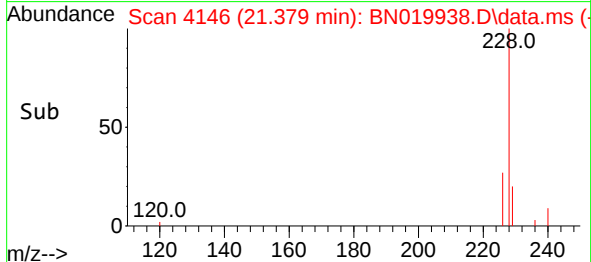
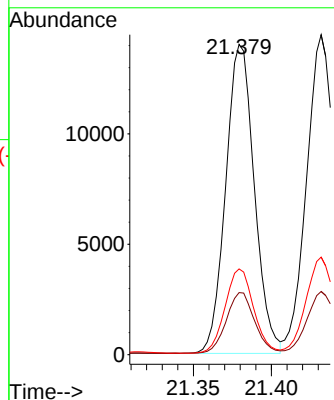
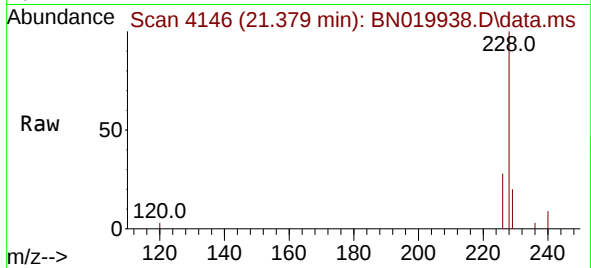




#21
Benzo(a)anthracene
Concen: 0.359 ng/ul
RT: 21.379 min Scan# 4147
Delta R.T. -0.006 min
Lab File: BN019938.D
Acq: 25 May 2022 00:07

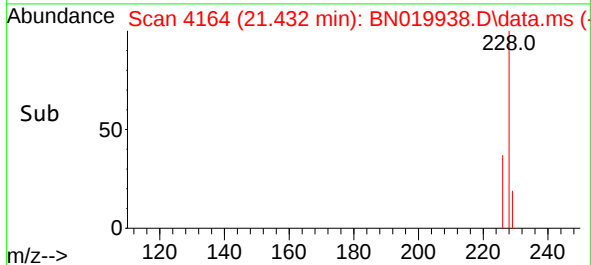
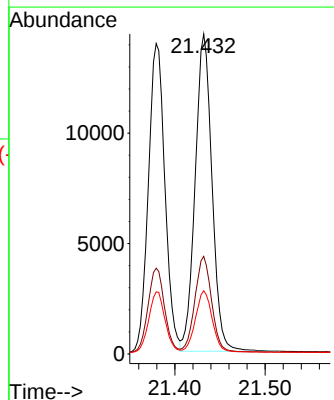
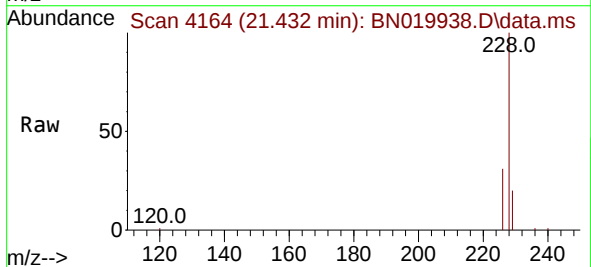
Instrument :
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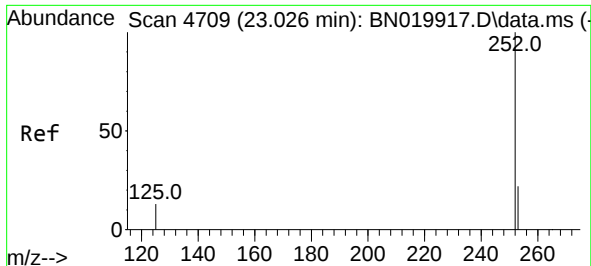
Tgt Ion:228 Resp: 17867
Ion Ratio Lower Upper
228 100
229 20.0 16.1 24.1
226 27.6 22.1 33.1



#22
Chrysene
Concen: 0.369 ng/ul
RT: 21.432 min Scan# 4164
Delta R.T. -0.006 min
Lab File: BN019938.D
Acq: 25 May 2022 00:07

Tgt Ion:228 Resp: 18578
Ion Ratio Lower Upper
228 100
226 30.5 24.2 36.2
229 19.8 16.0 24.0

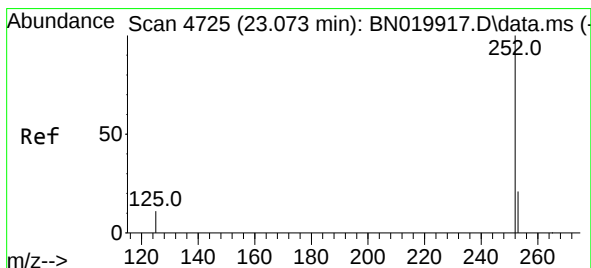
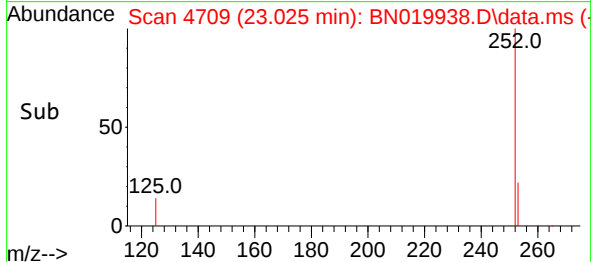
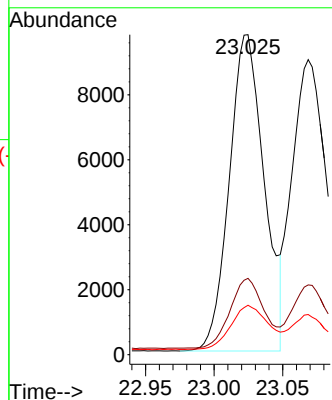
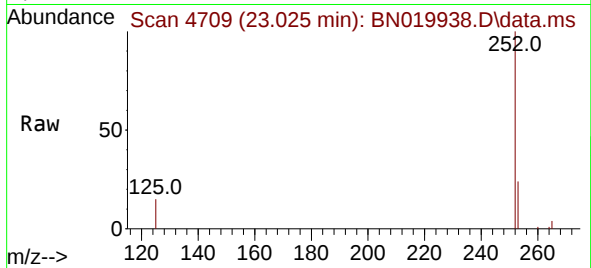




#24
Benzo(b)fluoranthene
Concen: 0.383 ng/ul
RT: 23.025 min Scan# 4709
Delta R.T. -0.006 min
Lab File: BN019938.D
Acq: 25 May 2022 00:07

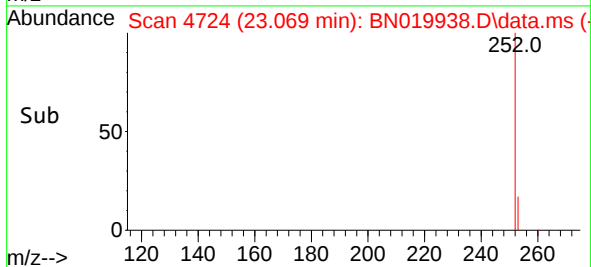
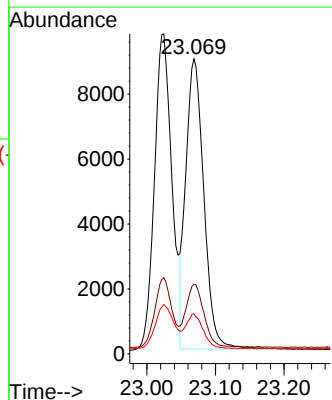
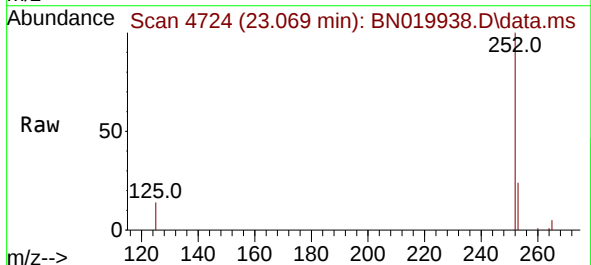
Instrument :
BNA_N
ClientSampleId :
SLCS005

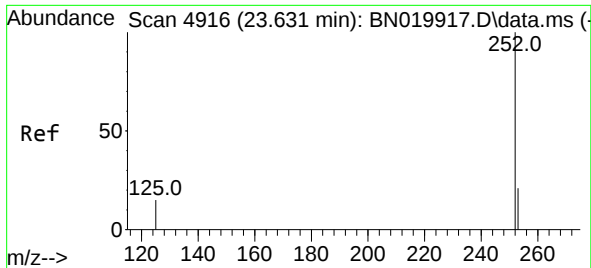
Tgt Ion:252 Resp: 17245
Ion Ratio Lower Upper
252 100
253 23.8 0.0 52.0
125 15.5 0.0 40.2



#25
Benzo(k)fluoranthene
Concen: 0.373 ng/ul
RT: 23.069 min Scan# 4724
Delta R.T. -0.012 min
Lab File: BN019938.D
Acq: 25 May 2022 00:07

Tgt Ion:252 Resp: 16324
Ion Ratio Lower Upper
252 100
253 23.6 20.2 30.2
125 13.6 11.0 16.6

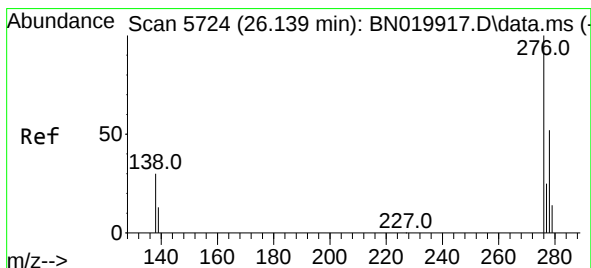
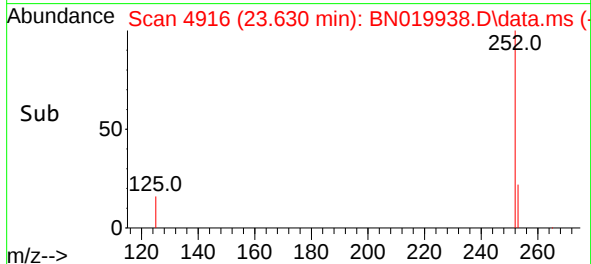
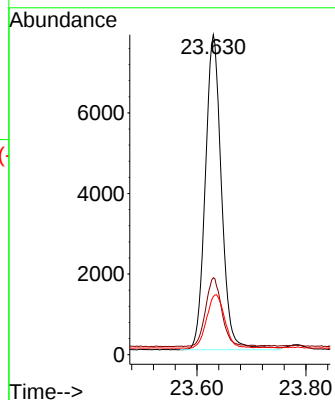
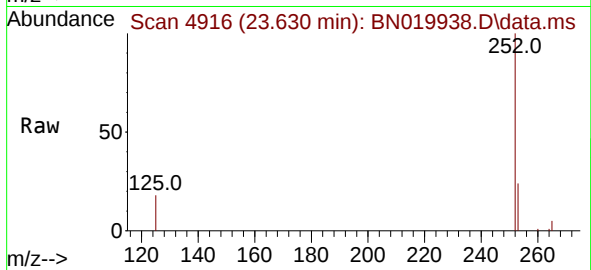




#26
Benzo(a)pyrene
Concen: 0.379 ng/ul
RT: 23.630 min Scan# 4916
Delta R.T. -0.009 min
Lab File: BN019938.D
Acq: 25 May 2022 00:07

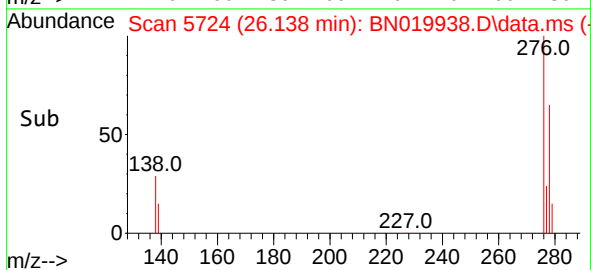
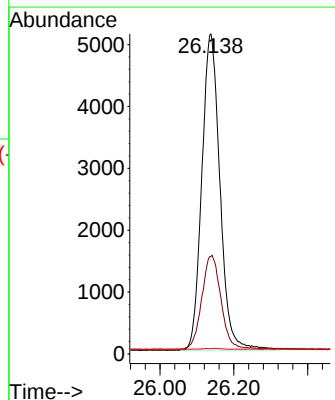
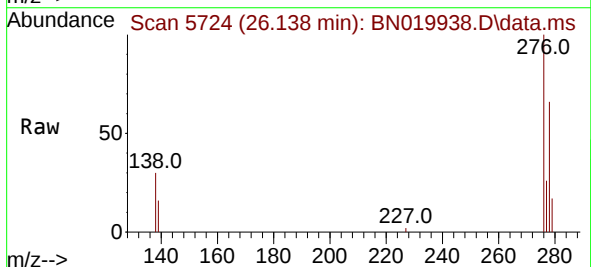
Instrument :
BNA_N
ClientSampleId :
SLCS005

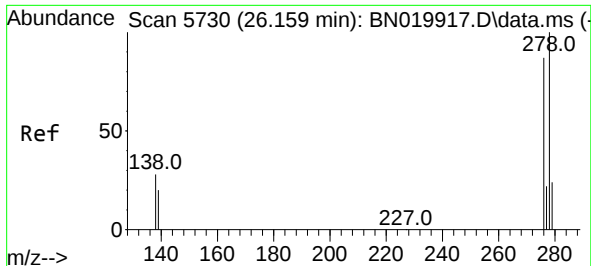
Tgt Ion:252 Resp: 16109
Ion Ratio Lower Upper
252 100
253 24.1 23.4 35.0
125 18.1 28.3 42.5#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.392 ng/ul
RT: 26.138 min Scan# 5724
Delta R.T. -0.013 min
Lab File: BN019938.D
Acq: 25 May 2022 00:07

Tgt Ion:276 Resp: 17484
Ion Ratio Lower Upper
276 100
138 31.6 23.6 35.4
227 0.2 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.389 ng/ul

RT: 26.154 min Scan# 5729

Delta R.T. -0.010 min

Lab File: BN019938.D

Acq: 25 May 2022 00:07

Instrument :

BNA_N

ClientSampleId :

SLCS005

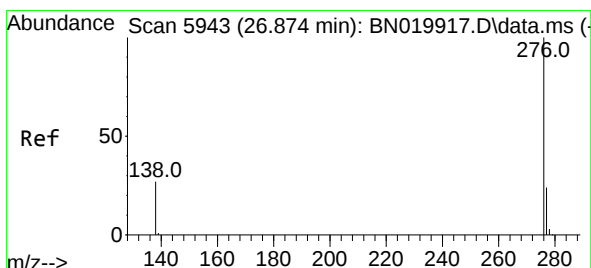
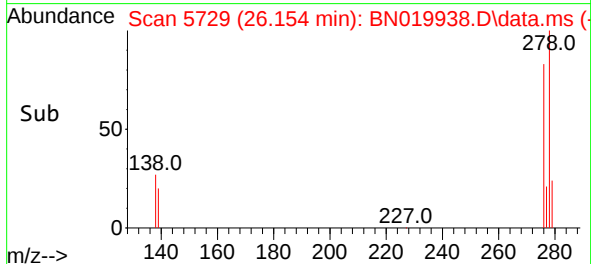
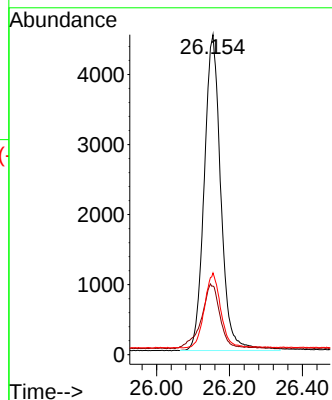
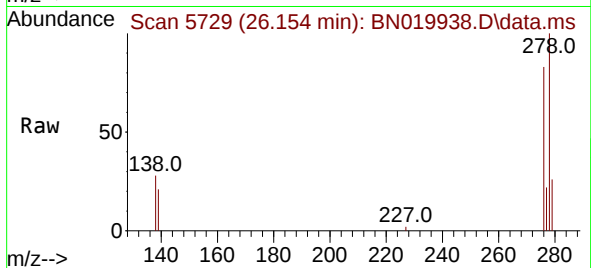
Tgt Ion:278 Resp: 14217

Ion Ratio Lower Upper

278 100

139 21.5 18.6 28.0

279 25.5 35.1 52.7#



#29

Benzo(g,h,i)perylene

Concen: 0.386 ng/ul

RT: 26.872 min Scan# 5943

Delta R.T. -0.013 min

Lab File: BN019938.D

Acq: 25 May 2022 00:07

Tgt Ion:276 Resp: 14733

Ion Ratio Lower Upper

276 100

138 27.4 20.9 31.3

277 24.9 20.4 30.6

