

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052422\
 Data File : BN019935.D
 Acq On : 24 May 2022 22:20
 Operator : CG/JU
 Sample : N2950-14MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBTF2

Quant Time: May 25 01:46:20 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)

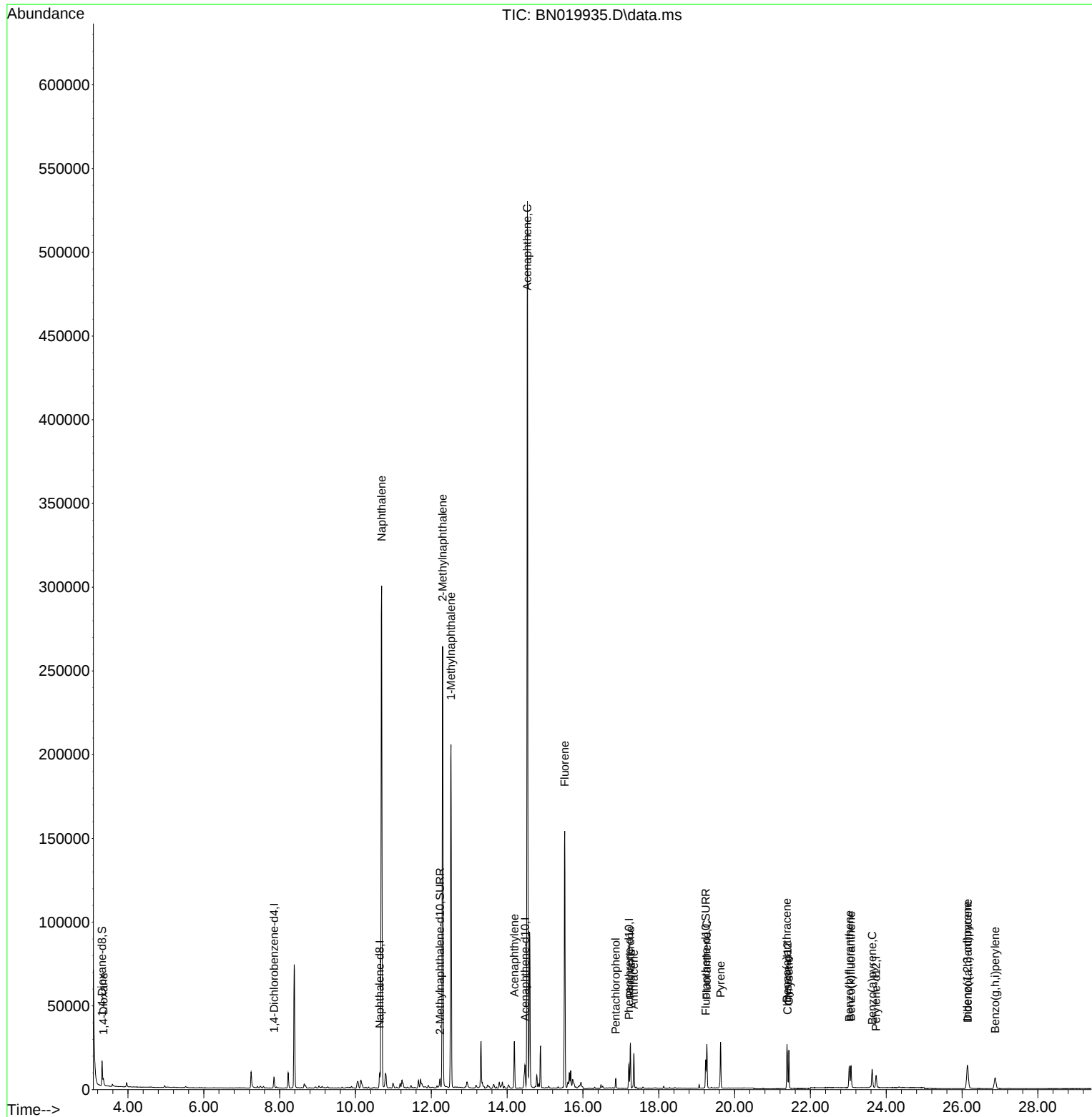
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	3471	0.400	ng/ul	0.00
4) Naphthalene-d8	10.639	136	12190	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.474	164	7834	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.213	188	15526	0.400	ng/ul	0.00
17) Chrysene-d12	21.397	240	12644	0.400	ng/ul	0.00
23) Perylene-d12	23.732	264	10216	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.315	96	10090	3.118	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.229	152	6764	0.340	ng/ul	0.00
18) Fluoranthene-d10	19.239	212	18684	0.413	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.353	88	1804	0.534	ng/ul#	88
5) Naphthalene	10.689	128	419701	10.978	ng/ul	98
7) 2-Methylnaphthalene	12.300	142	187253	7.392	ng/ul#	100
8) 1-Methylnaphthalene	12.520	142	145433	6.167	ng/ul#	100
10) Acenaphthylene	14.192	152	31689	0.710	ng/ul	99
11) Acenaphthene	14.534	153	305506	10.099	ng/ul	100
12) Fluorene	15.520	166	97133	2.872	ng/ul	99
14) Pentachlorophenol	16.867	266	3945	1.526	ng/ul	90
15) Phenanthrene	17.251	178	29371	0.538	ng/ul	99
16) Anthracene	17.344	178	22512	0.440	ng/ul	99
19) Fluoranthene	19.267	202	23186	0.367	ng/ul	100
20) Pyrene	19.629	202	23461	0.366	ng/ul	99
21) Benzo(a)anthracene	21.379	228	19609	0.380	ng/ul	100
22) Chrysene	21.432	228	19698	0.377	ng/ul	99
24) Benzo(b)fluoranthene	23.025	252	17390	0.385	ng/ul	93
25) Benzo(k)fluoranthene	23.072	252	16953	0.386	ng/ul	98
26) Benzo(a)pyrene	23.630	252	16178	0.379	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	26.138	276	17237	0.385	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.151	278	14229	0.387	ng/ul#	81
29) Benzo(g,h,i)perylene	26.872	276	14640	0.382	ng/ul	98

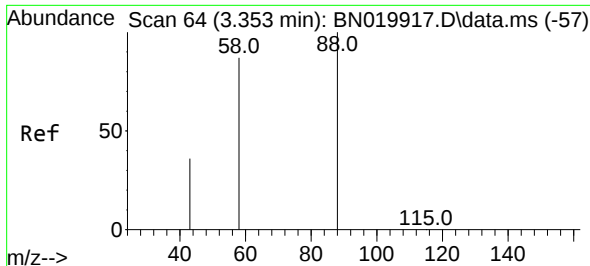
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052422\
Data File : BN019935.D
Acq On : 24 May 2022 22:20
Operator : CG/JU
Sample : N2950-14MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBTF2

Quant Time: May 25 01:46:20 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

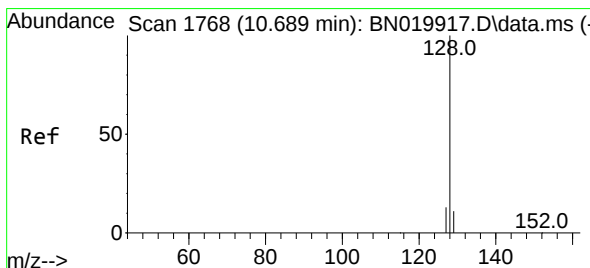
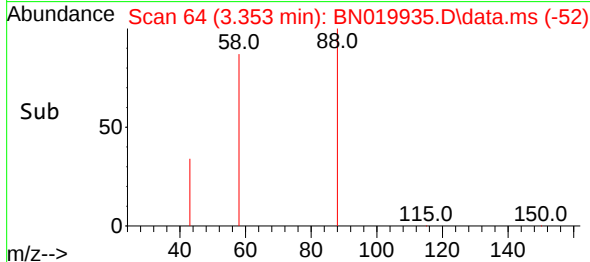
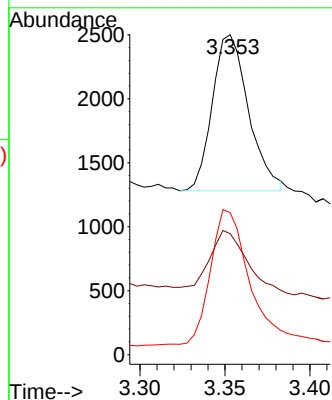
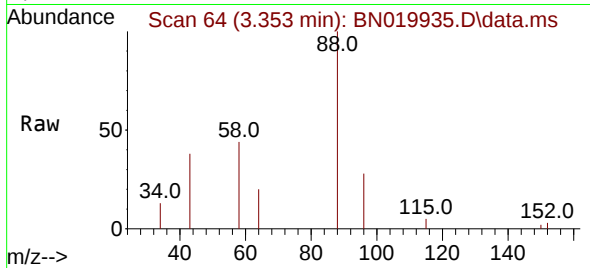




#2
1,4-Dioxane
Concen: 0.534 ng/ul
RT: 3.353 min Scan# 64
Delta R.T. 0.000 min
Lab File: BN019935.D
Acq: 24 May 2022 22:20

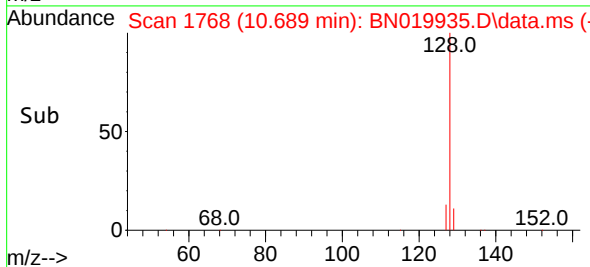
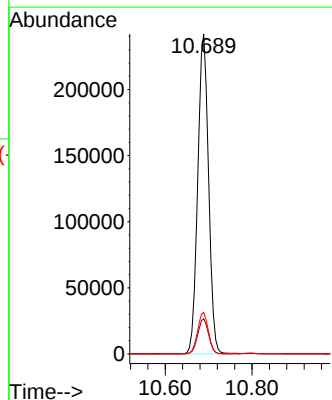
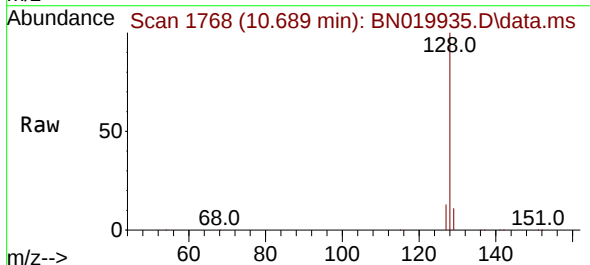
Instrument :
BNA_N
ClientSampleId :
DBTF2

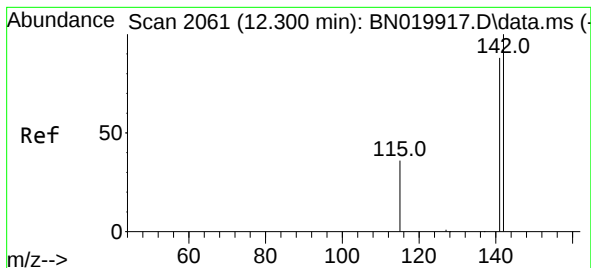
Tgt Ion: 88 Resp: 1804
Ion Ratio Lower Upper
88 100
43 37.9 39.0 58.4#
58 44.4 39.8 59.8



#5
Naphthalene
Concen: 10.978 ng/ul
RT: 10.689 min Scan# 1768
Delta R.T. -0.004 min
Lab File: BN019935.D
Acq: 24 May 2022 22:20

Tgt Ion:128 Resp: 419701
Ion Ratio Lower Upper
128 100
129 11.0 9.5 14.3
127 13.0 11.0 16.4

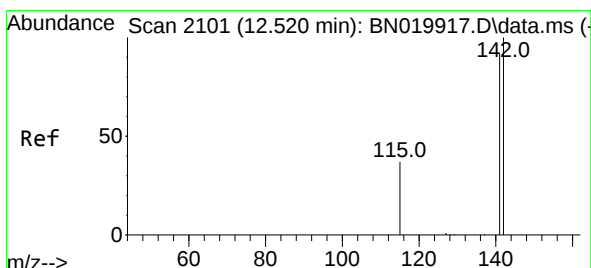
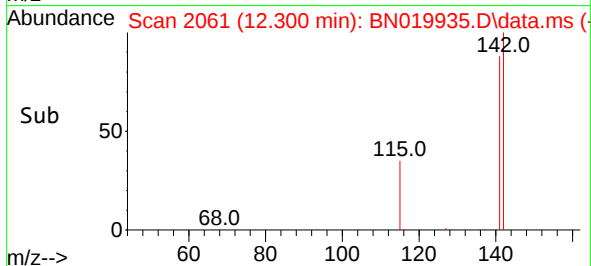
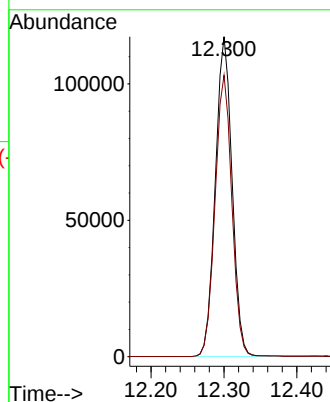
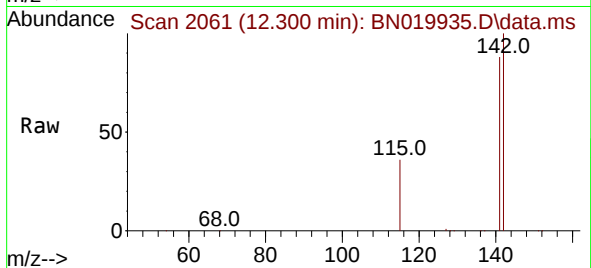




#7
2-Methylnaphthalene
Concen: 7.392 ng/ul
RT: 12.300 min Scan# 2061
Delta R.T. -0.004 min
Lab File: BN019935.D
Acq: 24 May 2022 22:20

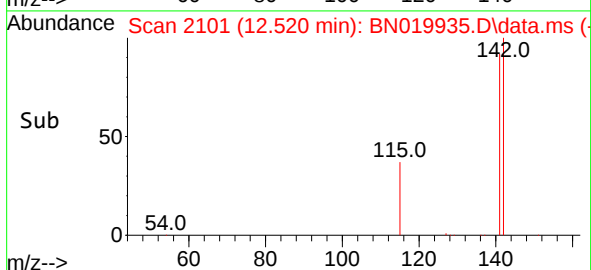
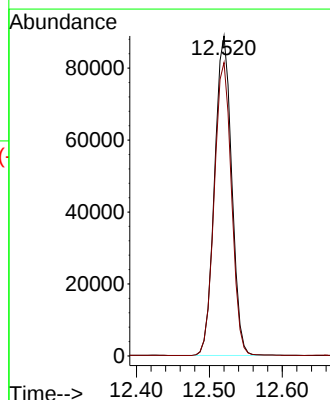
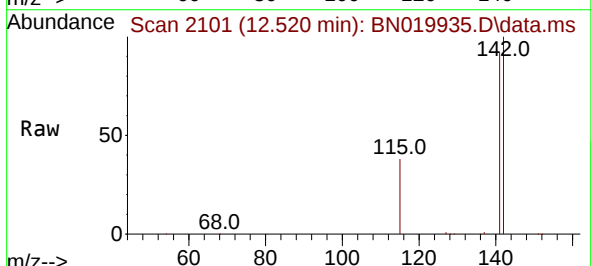
Instrument :
BNA_N
ClientSampleId :
DBTF2

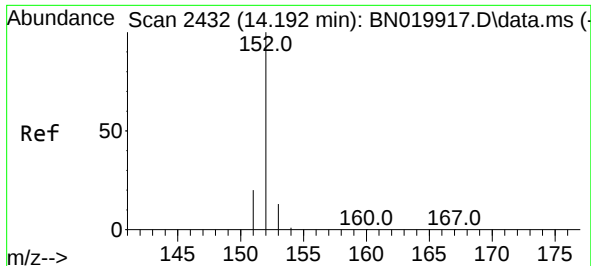
Tgt Ion:142 Resp: 187253
Ion Ratio Lower Upper
142 100
141 88.3 0.0 0.0#



#8
1-Methylnaphthalene
Concen: 6.167 ng/ul
RT: 12.520 min Scan# 2101
Delta R.T. -0.004 min
Lab File: BN019935.D
Acq: 24 May 2022 22:20

Tgt Ion:142 Resp: 145433
Ion Ratio Lower Upper
142 100
141 92.1 0.0 0.0#

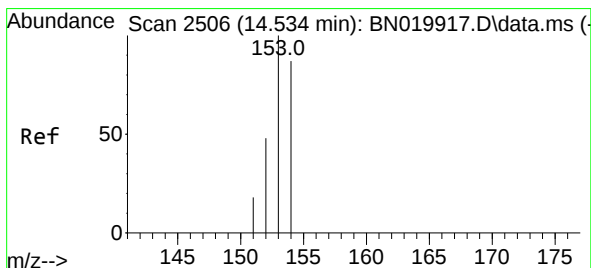
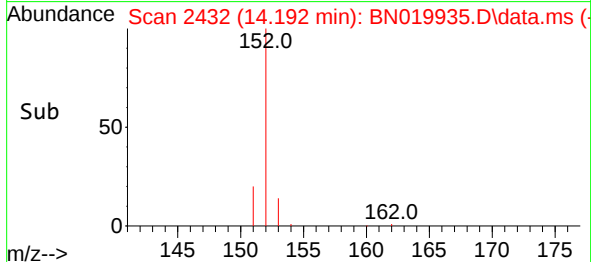
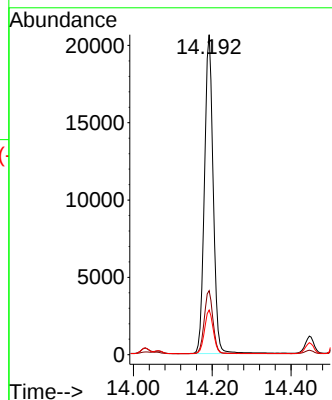
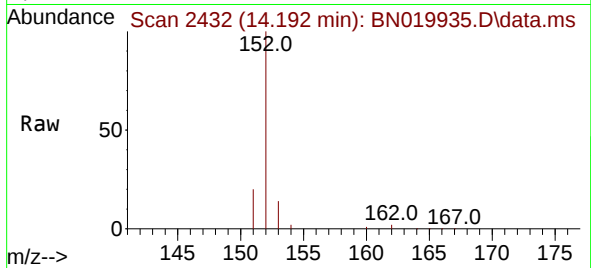




#10
Acenaphthylene
Concen: 0.710 ng/ul
RT: 14.192 min Scan# 2432
Delta R.T. -0.003 min
Lab File: BN019935.D
Acq: 24 May 2022 22:20

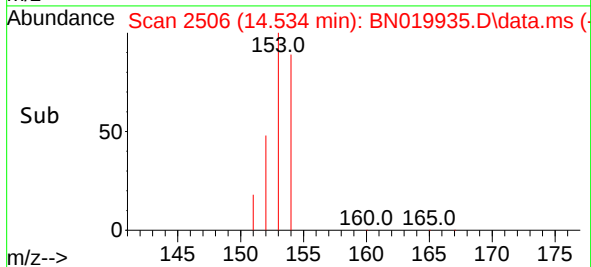
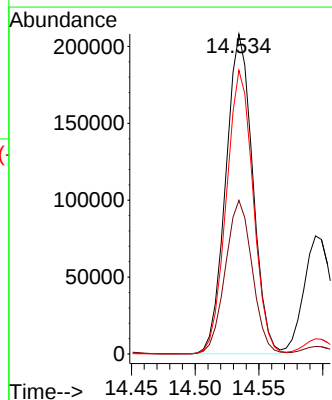
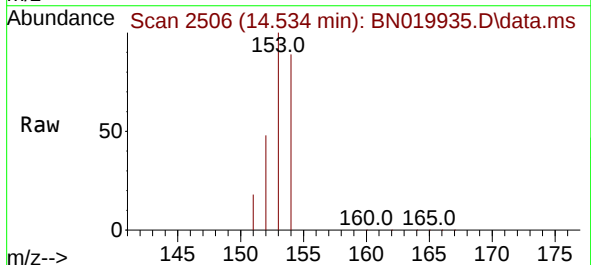
Instrument :
BNA_N
ClientSampleId :
DBTF2

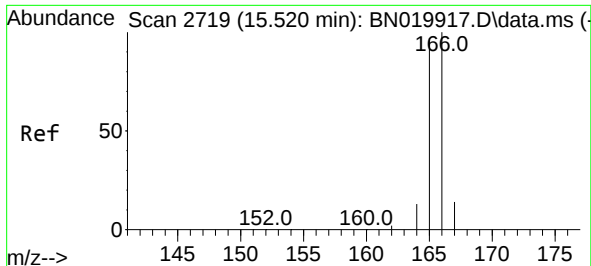
Tgt Ion:152 Resp: 31689
Ion Ratio Lower Upper
152 100
151 20.0 16.3 24.5
153 14.0 11.1 16.7



#11
Acenaphthene
Concen: 10.099 ng/ul
RT: 14.534 min Scan# 2506
Delta R.T. -0.003 min
Lab File: BN019935.D
Acq: 24 May 2022 22:20

Tgt Ion:153 Resp: 305506
Ion Ratio Lower Upper
153 100
152 48.0 38.6 57.8
154 88.7 71.2 106.8

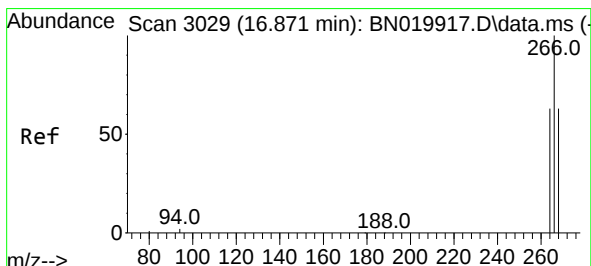
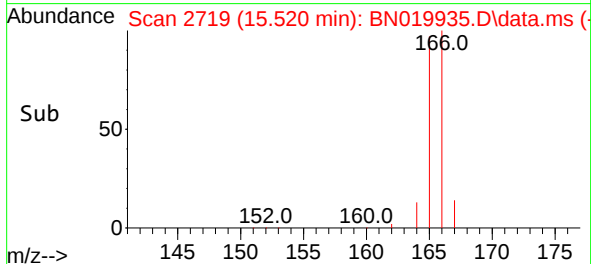
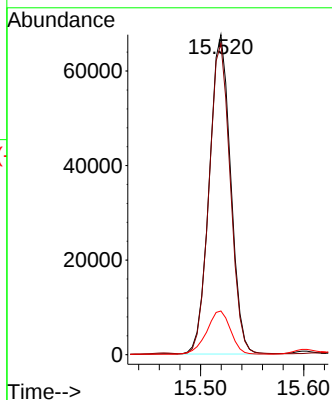
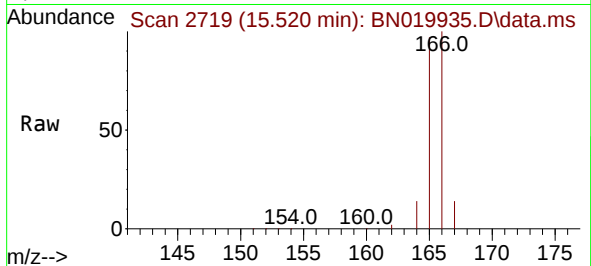




#12
Fluorene
Concen: 2.872 ng/ul
RT: 15.520 min Scan# 21
Delta R.T. -0.003 min
Lab File: BN019935.D
Acq: 24 May 2022 22:20

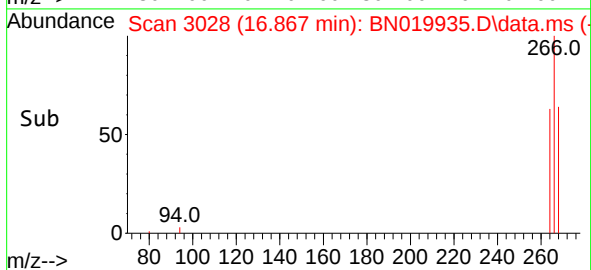
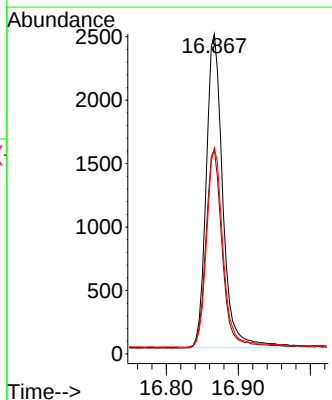
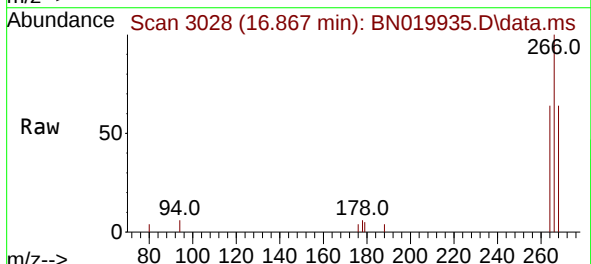
Instrument :
BNA_N
ClientSampleId :
DBTF2

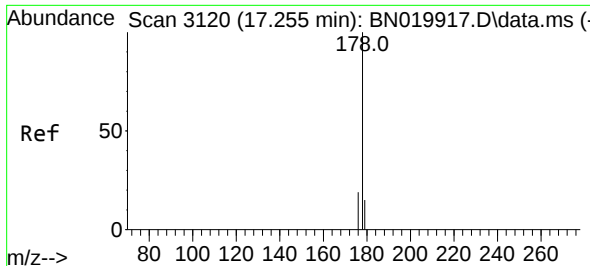
Tgt Ion:166 Resp: 97133
Ion Ratio Lower Upper
166 100
165 97.2 78.2 117.2
167 13.6 11.3 16.9



#14
Pentachlorophenol
Concen: 1.526 ng/ul
RT: 16.867 min Scan# 3028
Delta R.T. -0.007 min
Lab File: BN019935.D
Acq: 24 May 2022 22:20

Tgt Ion:266 Resp: 3945
Ion Ratio Lower Upper
266 100
264 63.3 44.9 67.3
268 63.5 44.6 67.0

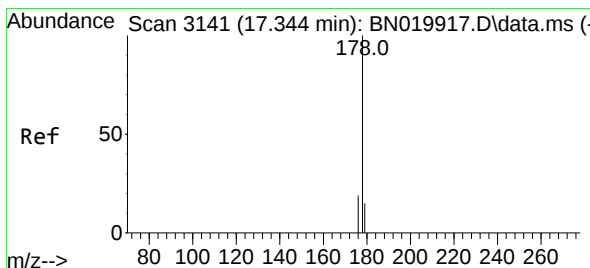
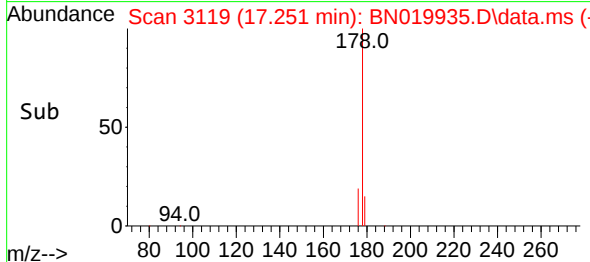
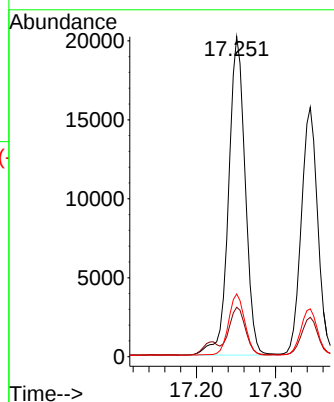
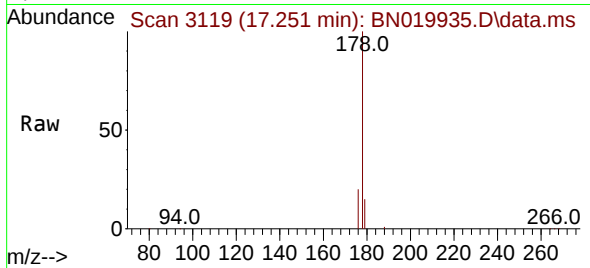




#15
Phenanthrene
Concen: 0.538 ng/ul
RT: 17.251 min Scan# 3119
Delta R.T. -0.003 min
Lab File: BN019935.D
Acq: 24 May 2022 22:20

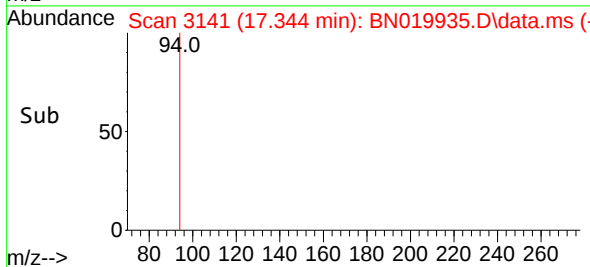
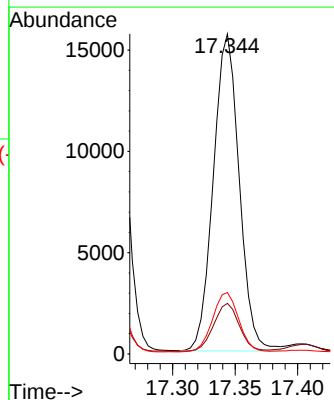
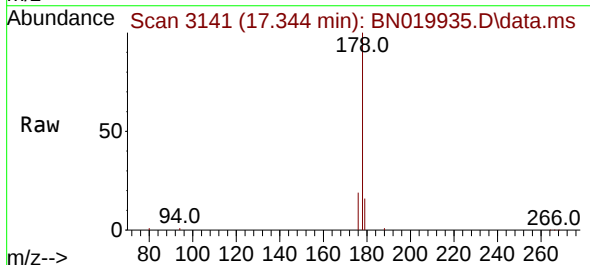
Instrument :
BNA_N
ClientSampleId :
DBTF2

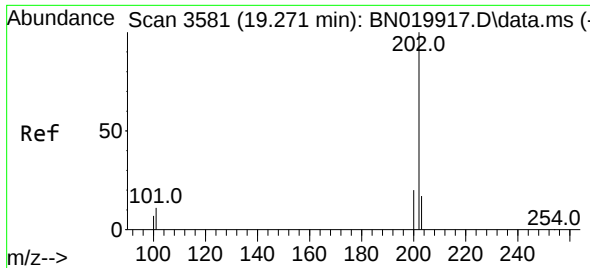
Tgt Ion:178 Resp: 29371
Ion Ratio Lower Upper
178 100
179 15.4 12.9 19.3
176 19.6 15.5 23.3



#16
Anthracene
Concen: 0.440 ng/ul
RT: 17.344 min Scan# 3141
Delta R.T. -0.003 min
Lab File: BN019935.D
Acq: 24 May 2022 22:20

Tgt Ion:178 Resp: 22512
Ion Ratio Lower Upper
178 100
179 15.8 13.1 19.7
176 19.2 15.3 22.9

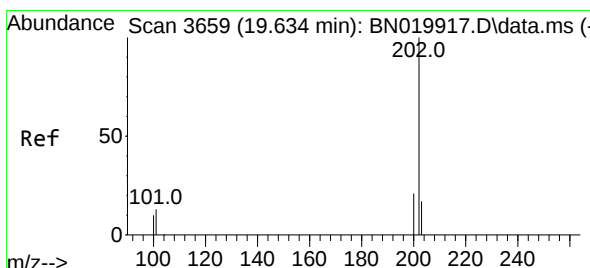
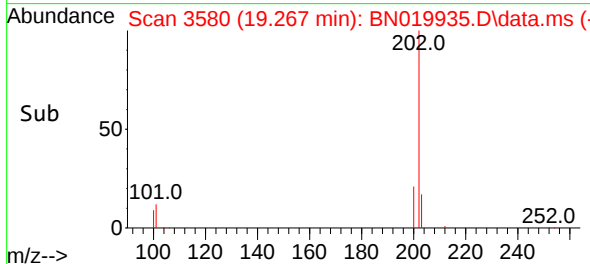
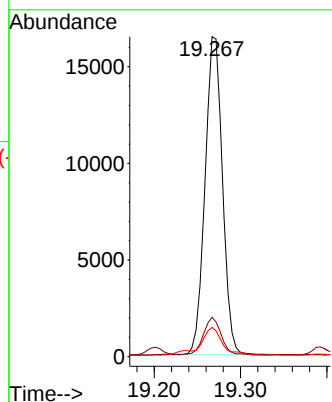
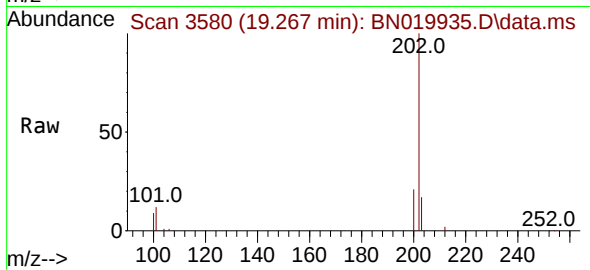




#19
Fluoranthene
Concen: 0.367 ng/ul
RT: 19.267 min Scan# 3580
Delta R.T. -0.007 min
Lab File: BN019935.D
Acq: 24 May 2022 22:20

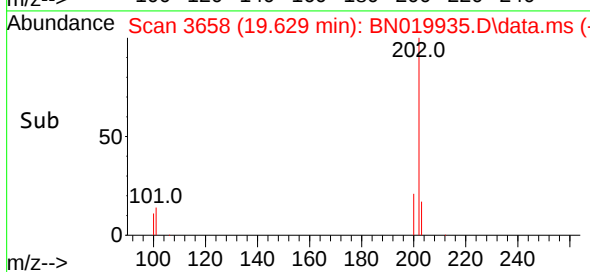
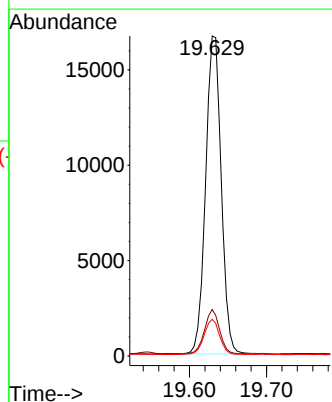
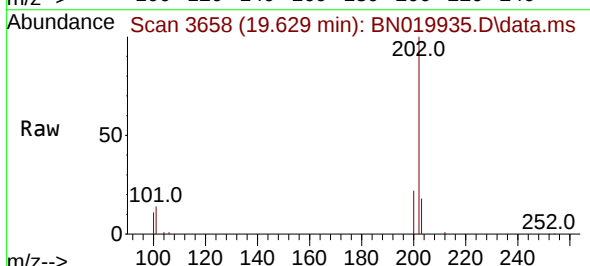
Instrument :
BNA_N
ClientSampleId :
DBTF2

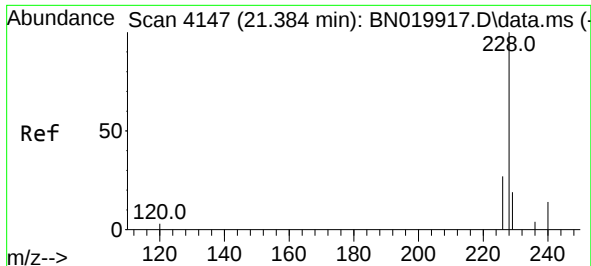
Tgt Ion:202 Resp: 23186
Ion Ratio Lower Upper
202 100
101 12.3 9.7 14.5
100 9.1 7.4 11.2



#20
Pyrene
Concen: 0.366 ng/ul
RT: 19.629 min Scan# 3658
Delta R.T. -0.007 min
Lab File: BN019935.D
Acq: 24 May 2022 22:20

Tgt Ion:202 Resp: 23461
Ion Ratio Lower Upper
202 100
101 14.5 11.4 17.0
100 11.4 9.0 13.4

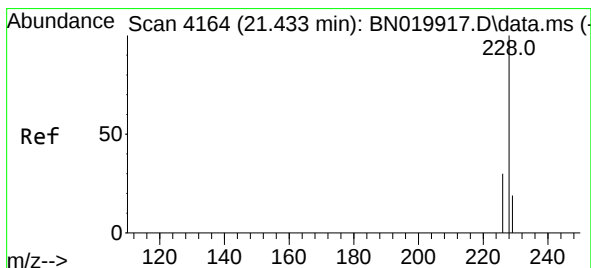
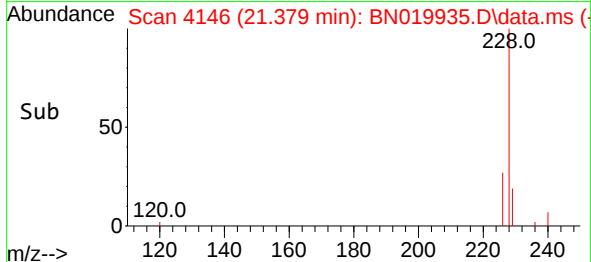
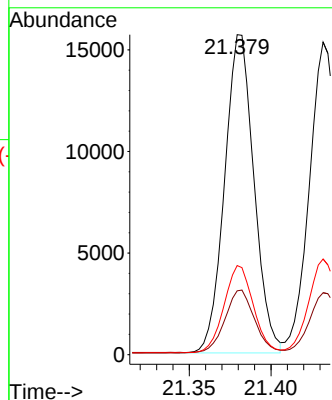
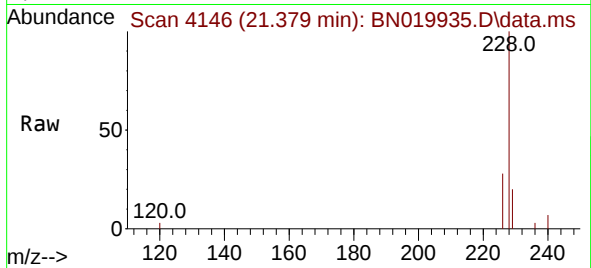




#21
Benzo(a)anthracene
Concen: 0.380 ng/ul
RT: 21.379 min Scan# 4147
Delta R.T. -0.006 min
Lab File: BN019935.D
Acq: 24 May 2022 22:20

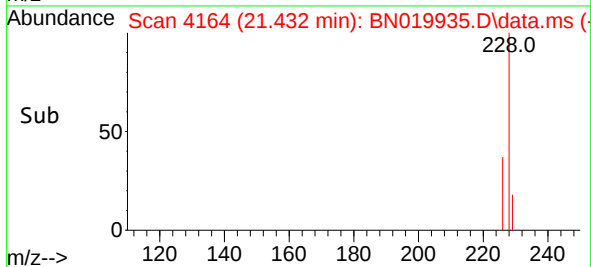
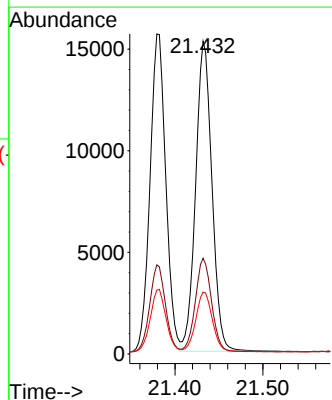
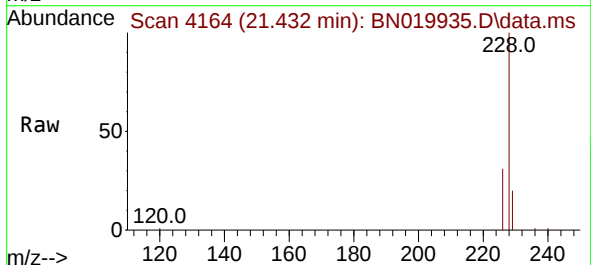
Instrument :
BNA_N
ClientSampleId :
DBTF2

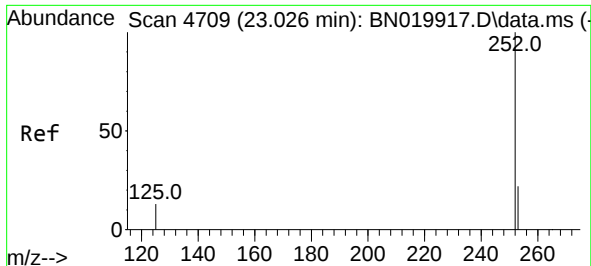
Tgt Ion:228 Resp: 19609
Ion Ratio Lower Upper
228 100
229 20.0 16.1 24.1
226 27.8 22.1 33.1



#22
Chrysene
Concen: 0.377 ng/ul
RT: 21.432 min Scan# 4164
Delta R.T. -0.006 min
Lab File: BN019935.D
Acq: 24 May 2022 22:20

Tgt Ion:228 Resp: 19698
Ion Ratio Lower Upper
228 100
226 30.6 24.2 36.2
229 19.8 16.0 24.0

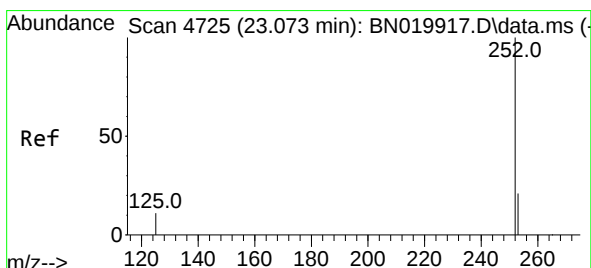
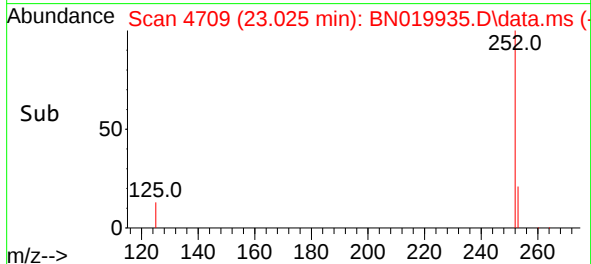
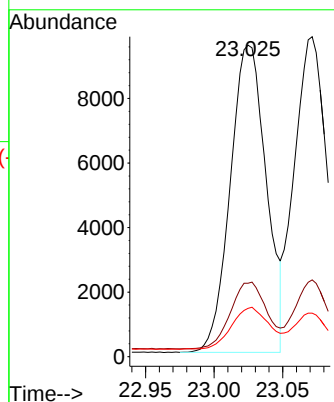
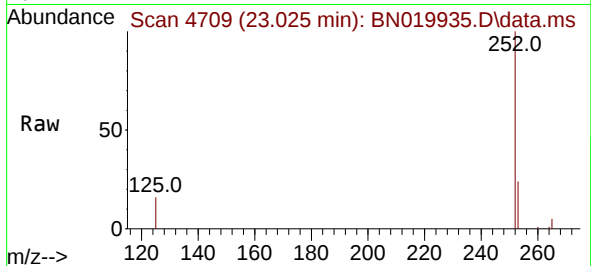




#24
Benzo(b)fluoranthene
Concen: 0.385 ng/ul
RT: 23.025 min Scan# 4709
Delta R.T. -0.006 min
Lab File: BN019935.D
Acq: 24 May 2022 22:20

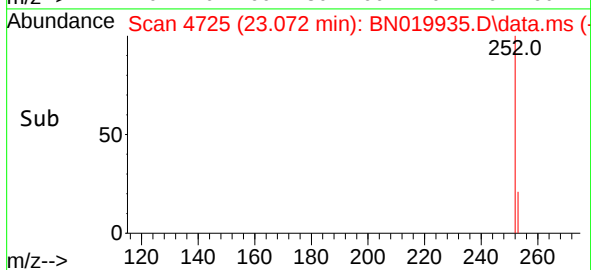
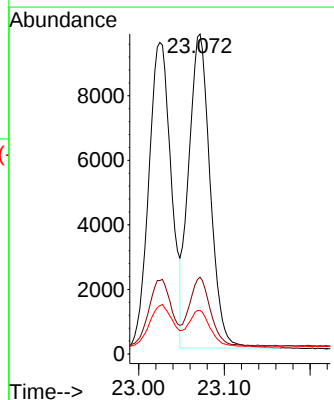
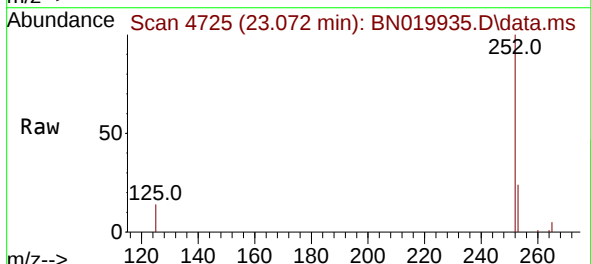
Instrument :
BNA_N
ClientSampleId :
DBTF2

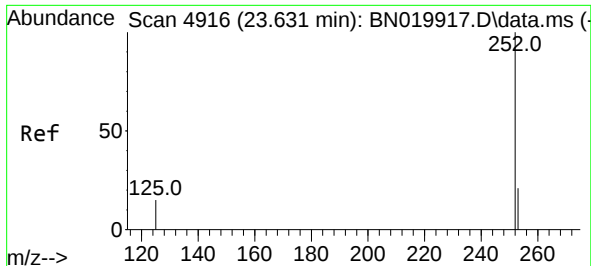
Tgt Ion:252 Resp: 17390
Ion Ratio Lower Upper
252 100
253 23.6 0.0 52.0
125 15.5 0.0 40.2



#25
Benzo(k)fluoranthene
Concen: 0.386 ng/ul
RT: 23.072 min Scan# 4725
Delta R.T. -0.009 min
Lab File: BN019935.D
Acq: 24 May 2022 22:20

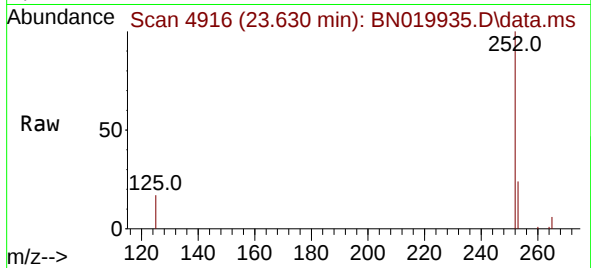
Tgt Ion:252 Resp: 16953
Ion Ratio Lower Upper
252 100
253 24.0 20.2 30.2
125 13.6 11.0 16.6



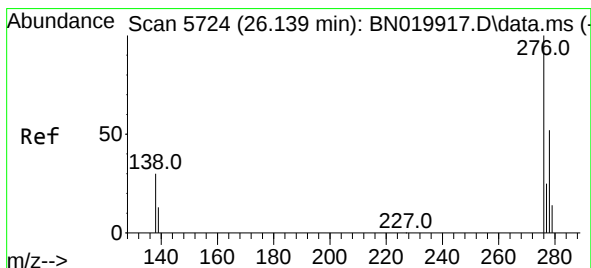
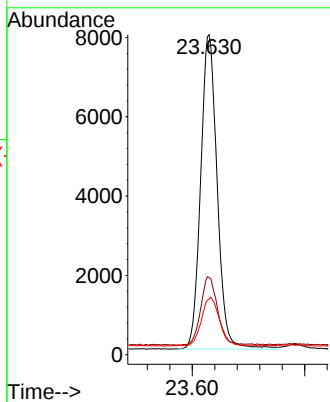
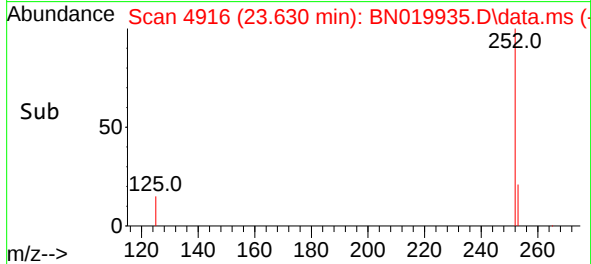


#26
Benzo(a)pyrene
Concen: 0.379 ng/ul
RT: 23.630 min Scan# 4916
Delta R.T. -0.009 min
Lab File: BN019935.D
Acq: 24 May 2022 22:20

Instrument :
BNA_N
ClientSampleId :
DBTF2

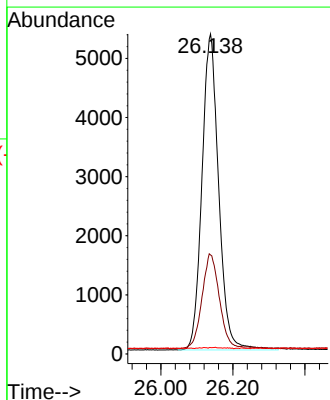
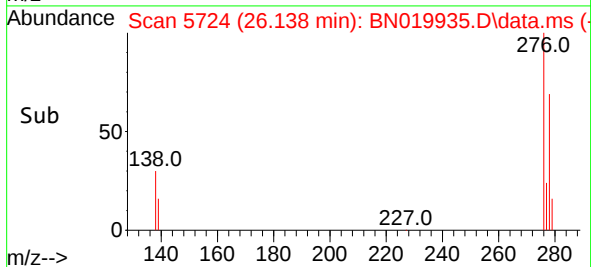
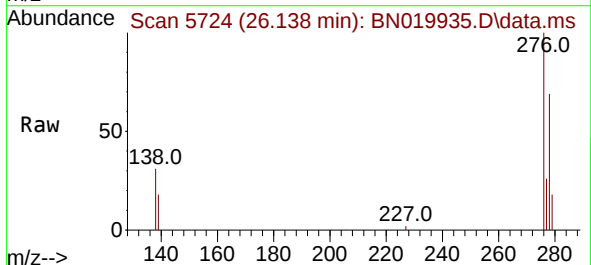


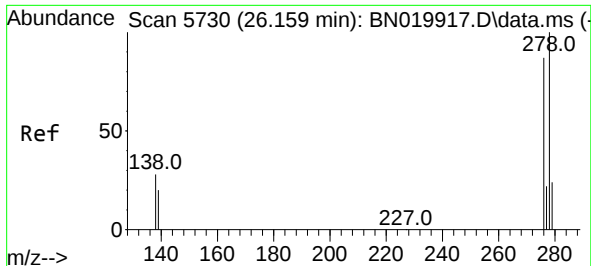
Tgt Ion:252 Resp: 16178
Ion Ratio Lower Upper
252 100
253 24.1 23.4 35.0
125 17.4 28.3 42.5#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.385 ng/ul
RT: 26.138 min Scan# 5724
Delta R.T. -0.013 min
Lab File: BN019935.D
Acq: 24 May 2022 22:20

Tgt Ion:276 Resp: 17237
Ion Ratio Lower Upper
276 100
138 31.4 23.6 35.4
227 0.1 0.0 0.0#

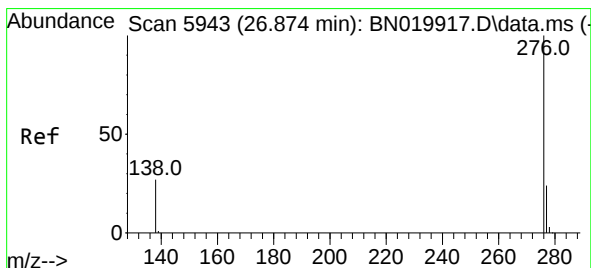
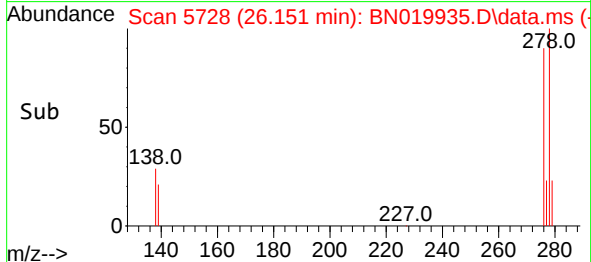
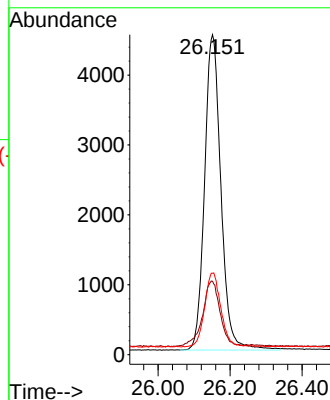
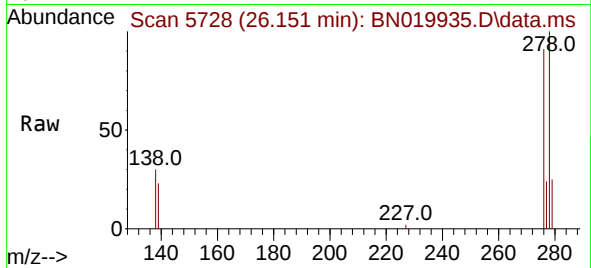




#28
Dibenzo(a,h)anthracene
Concen: 0.387 ng/ul
RT: 26.151 min Scan# 51
Delta R.T. -0.013 min
Lab File: BN019935.D
Acq: 24 May 2022 22:20

Instrument :
BNA_N
ClientSampleId :
DBTF2

Tgt Ion:278 Resp: 14229
Ion Ratio Lower Upper
278 100
139 23.0 18.6 28.0
279 25.4 35.1 52.7#



#29
Benzo(g,h,i)perylene
Concen: 0.382 ng/ul
RT: 26.872 min Scan# 5943
Delta R.T. -0.013 min
Lab File: BN019935.D
Acq: 24 May 2022 22:20

Tgt Ion:276 Resp: 14640
Ion Ratio Lower Upper
276 100
138 27.3 20.9 31.3
277 25.0 20.4 30.6

