

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061022\
 Data File : BN020082.D
 Acq On : 09 Jun 2022 16:03
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 10 02:42:51 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN053122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 10 02:40:52 2022
 Response via : Initial Calibration

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

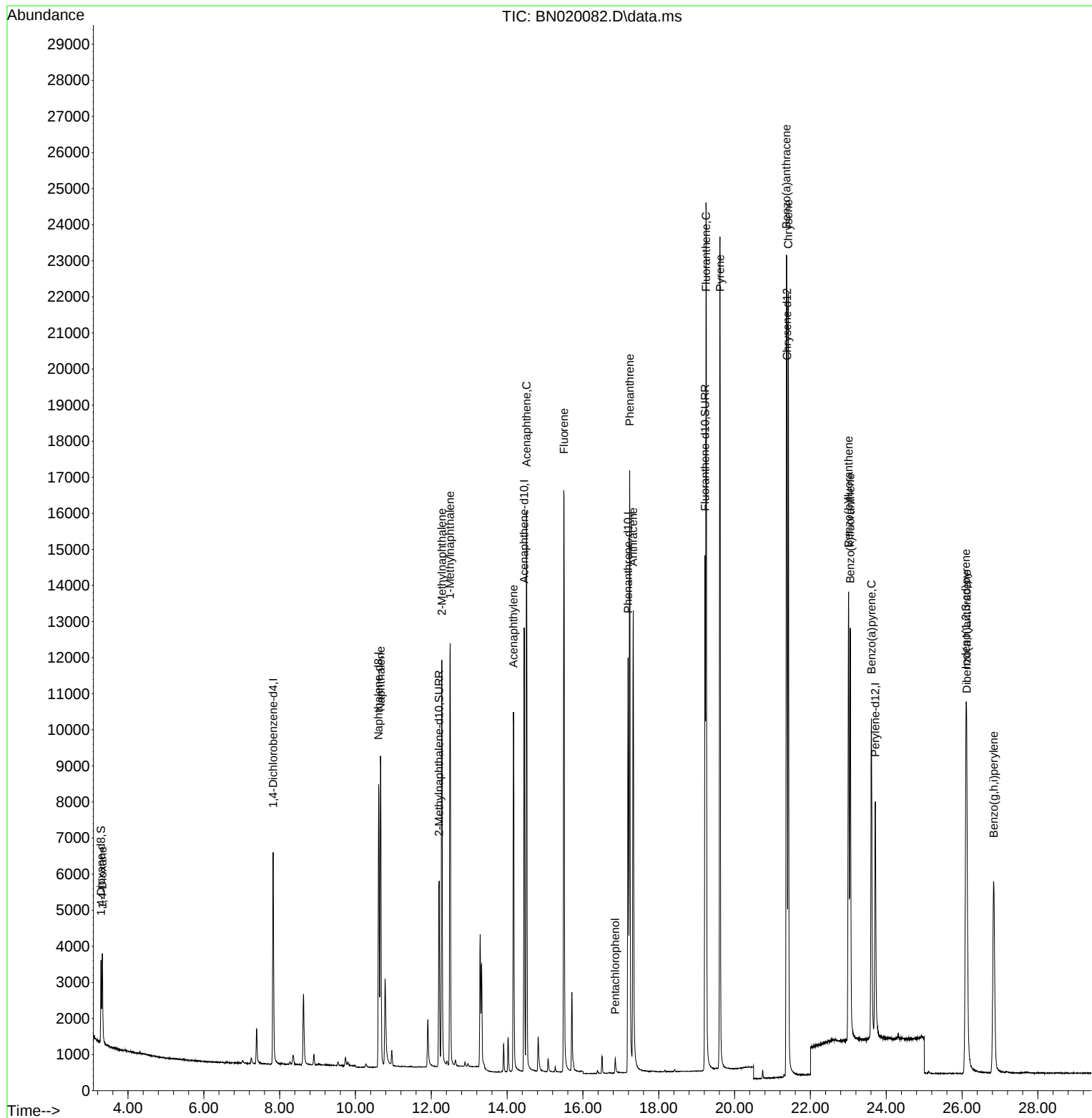
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.829	152	3468	0.400	ng/ul	0.00
4) Naphthalene-d8	10.612	136	11299	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.451	164	7027	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.192	188	15196	0.400	ng/ul	0.00
17) Chrysene-d12	21.382	240	13278	0.400	ng/ul	0.00
23) Perylene-d12	23.712	264	9550	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.290	96	1553	0.393	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.206	152	7324	0.406	ng/ul	0.00
18) Fluoranthene-d10	19.220	212	16746	0.417	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.323	88	1613	0.388	ng/ul#	84
5) Naphthalene	10.661	128	12806	0.360	ng/ul	99
7) 2-Methylnaphthalene	12.278	142	8522	0.373	ng/ul#	100
8) 1-Methylnaphthalene	12.498	142	8727	0.409	ng/ul#	100
10) Acenaphthylene	14.169	152	12611	0.362	ng/ul	100
11) Acenaphthene	14.511	153	9755	0.364	ng/ul	98
12) Fluorene	15.501	166	11250	0.365	ng/ul	100
14) Pentachlorophenol	16.850	266	363	0.114	ng/ul	92
15) Phenanthrene	17.234	178	19277	0.358	ng/ul	99
16) Anthracene	17.327	178	16846	0.361	ng/ul	99
19) Fluoranthene	19.248	202	21573	0.380	ng/ul	99
20) Pyrene	19.615	202	21617	0.379	ng/ul	99
21) Benzo(a)anthracene	21.367	228	17610	0.362	ng/ul	99
22) Chrysene	21.417	228	19549	0.356	ng/ul	99
24) Benzo(b)fluoranthene	23.007	252	16819	0.384	ng/ul	94
25) Benzo(k)fluoranthene	23.051	252	15955	0.371	ng/ul	99
26) Benzo(a)pyrene	23.609	252	14511	0.362	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	26.104	276	14512	0.317	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.124	278	11883	0.318	ng/ul#	81
29) Benzo(g,h,i)perylene	26.835	276	12596	0.326	ng/ul	97

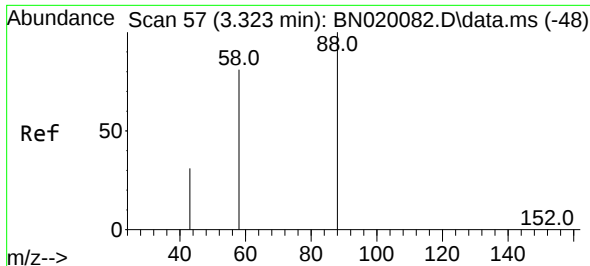
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061022\
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BNA_N
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Quant Time: Jun 10 02:42:51 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN053122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 10 02:40:52 2022
Response via : Initial Calibration

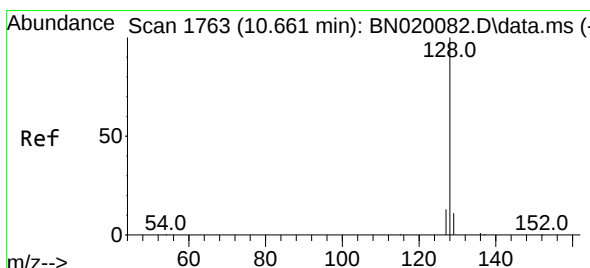
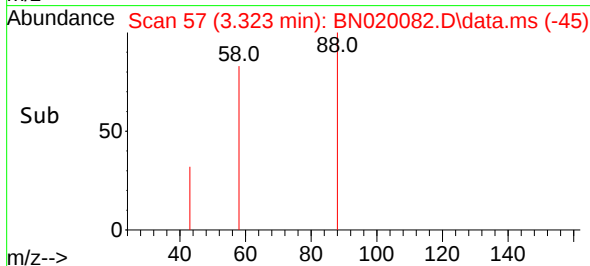
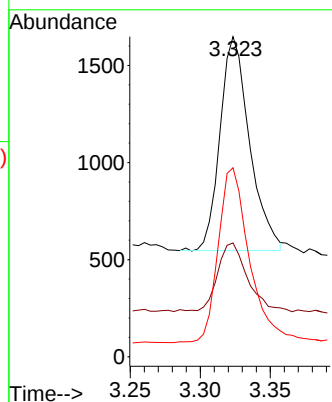
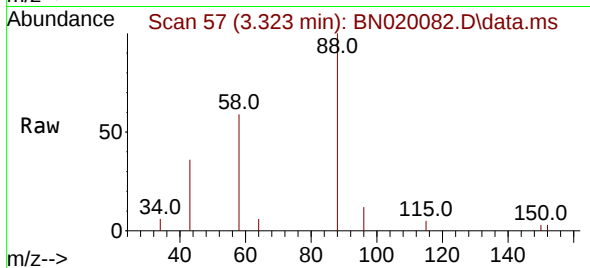




#2
1,4-Dioxane
Concen: 0.388 ng/ul
RT: 3.323 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN020082.D
Acq: 09 Jun 2022 16:03

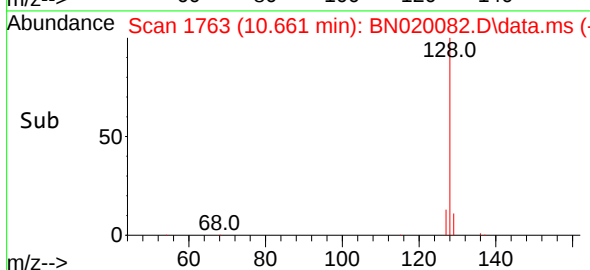
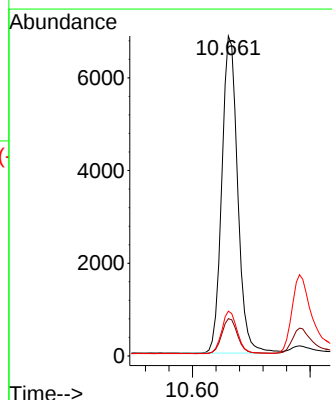
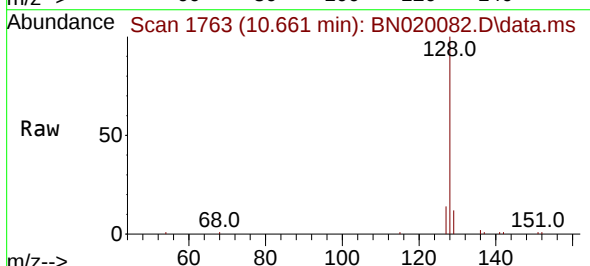
Instrument :
BNA_N
ClientSampleId :

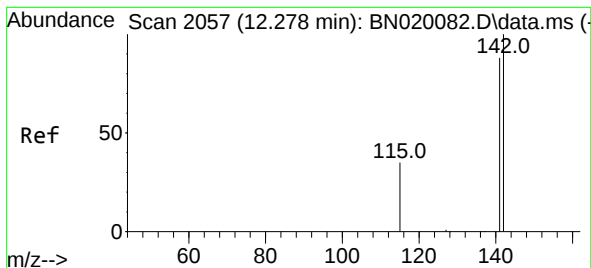
Tgt Ion: 88 Resp: 1613
Ion Ratio Lower Upper
88 100
43 35.6 39.0 58.4#
58 59.0 39.8 59.8



#5
Naphthalene
Concen: 0.360 ng/ul
RT: 10.661 min Scan# 1763
Delta R.T. 0.000 min
Lab File: BN020082.D
Acq: 09 Jun 2022 16:03

Tgt Ion: 128 Resp: 12806
Ion Ratio Lower Upper
128 100
129 11.6 9.5 14.3
127 14.0 11.0 16.4

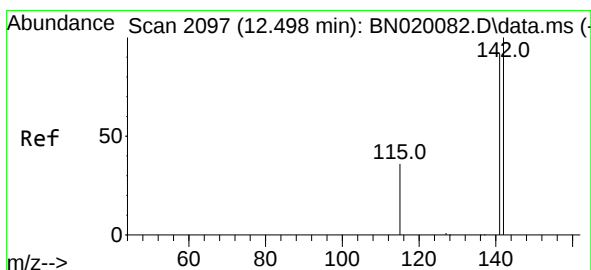
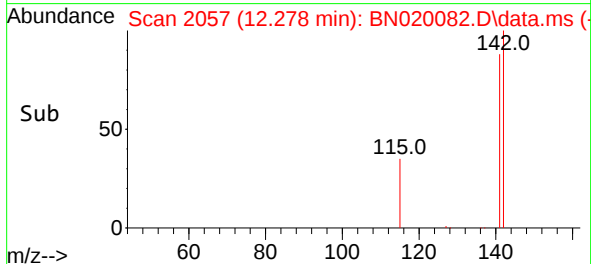
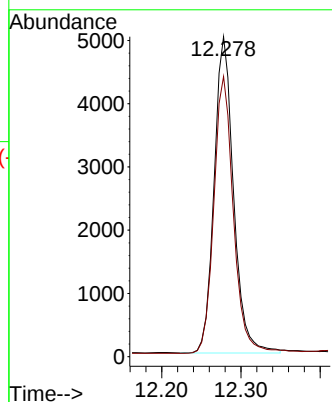
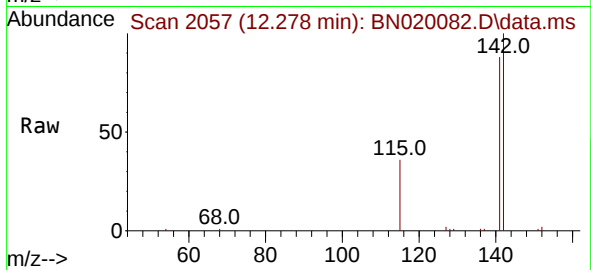




#7
2-Methylnaphthalene
Concen: 0.373 ng/ul
RT: 12.278 min Scan# 2057
Delta R.T. 0.000 min
Lab File: BN020082.D
Acq: 09 Jun 2022 16:03

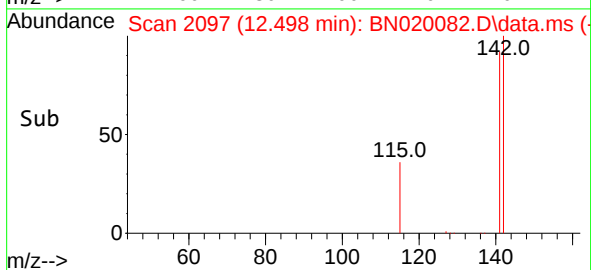
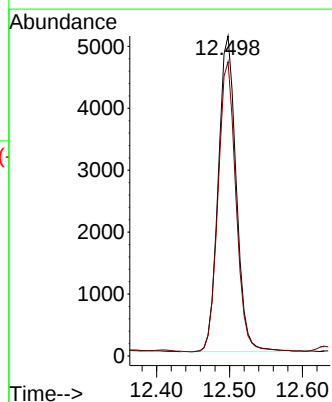
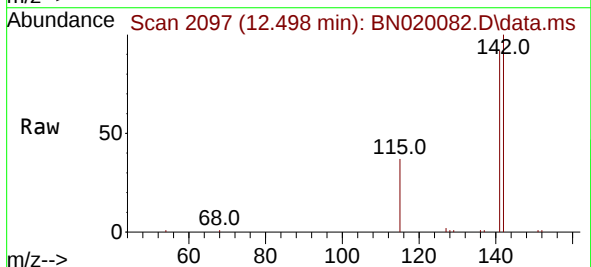
Instrument :
BNA_N
ClientSampleId :

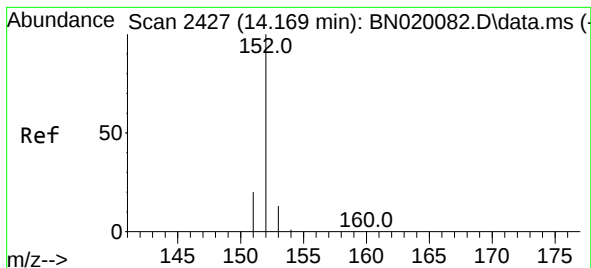
Tgt Ion:142 Resp: 8522
Ion Ratio Lower Upper
142 100
141 88.3 0.0 0.0#



#8
1-Methylnaphthalene
Concen: 0.409 ng/ul
RT: 12.498 min Scan# 2097
Delta R.T. 0.000 min
Lab File: BN020082.D
Acq: 09 Jun 2022 16:03

Tgt Ion:142 Resp: 8727
Ion Ratio Lower Upper
142 100
141 92.0 0.0 0.0#





#10

Acenaphthylene

Concen: 0.362 ng/ul

RT: 14.169 min Scan# 2427

Delta R.T. 0.000 min

Lab File: BN020082.D

Acq: 09 Jun 2022 16:03

Instrument :

BNA_N

ClientSampleId :

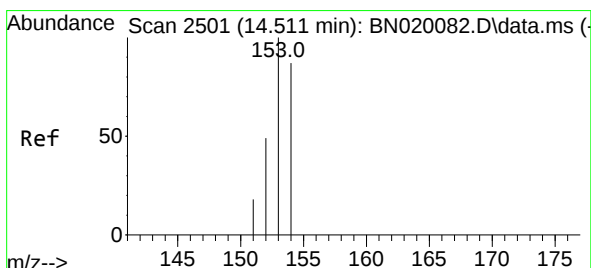
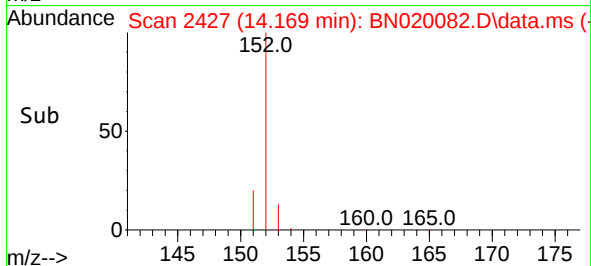
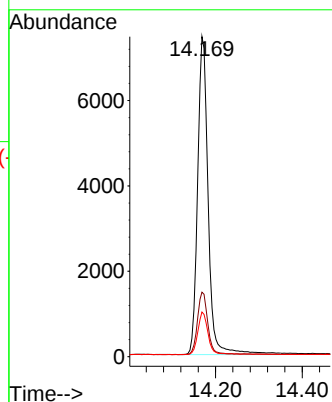
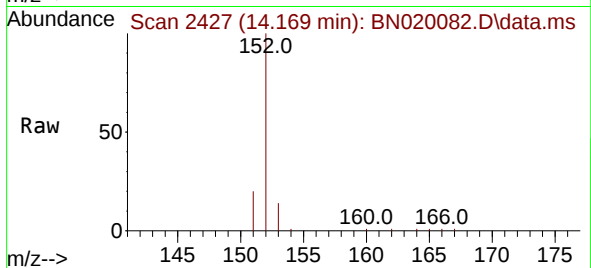
Tgt Ion:152 Resp: 12611

Ion Ratio Lower Upper

152 100

151 20.1 16.3 24.5

153 13.9 11.1 16.7



#11

Acenaphthene

Concen: 0.364 ng/ul

RT: 14.511 min Scan# 2501

Delta R.T. 0.000 min

Lab File: BN020082.D

Acq: 09 Jun 2022 16:03

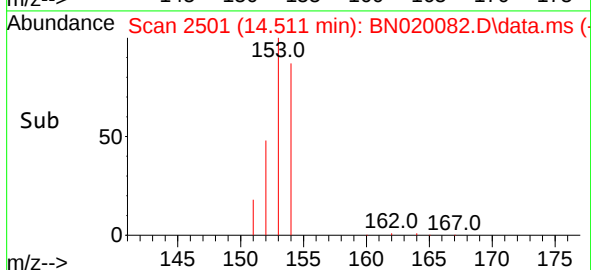
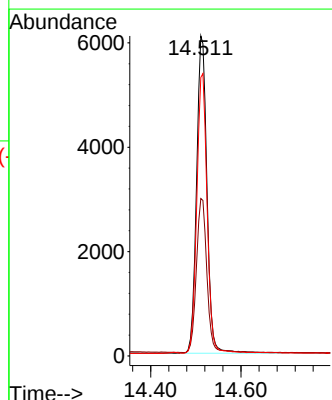
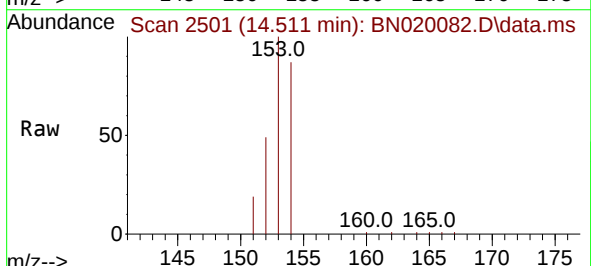
Tgt Ion:153 Resp: 9755

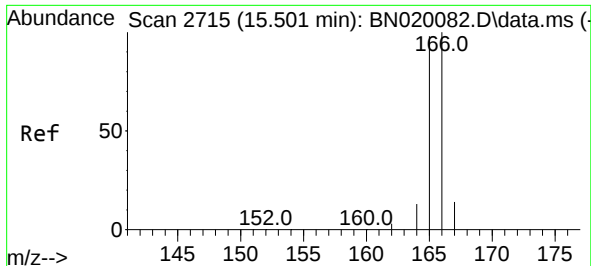
Ion Ratio Lower Upper

153 100

152 49.2 38.6 57.8

154 87.0 71.2 106.8

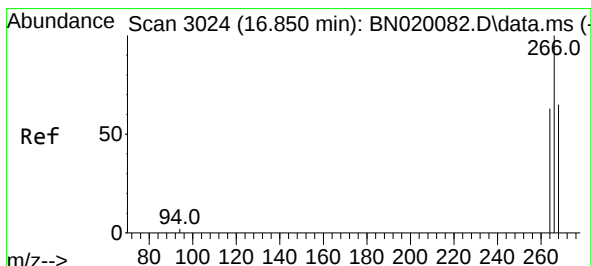
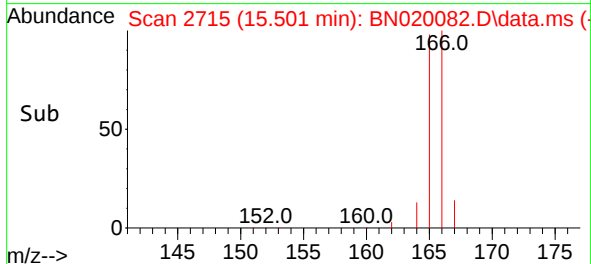
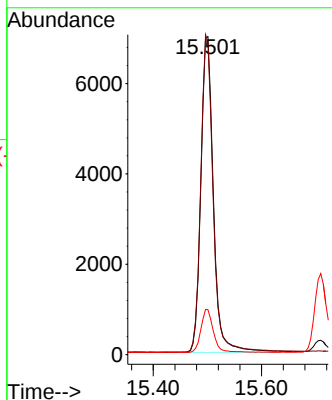
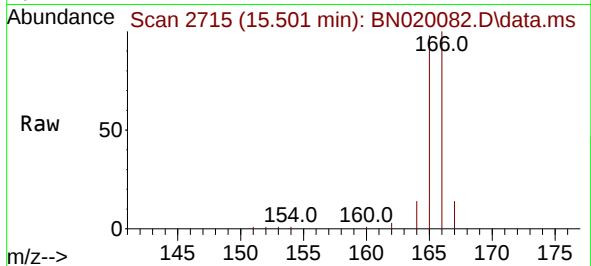




#12
 Fluorene
 Concen: 0.365 ng/ul
 RT: 15.501 min Scan# 2715
 Delta R.T. 0.000 min
 Lab File: BN020082.D
 Acq: 09 Jun 2022 16:03

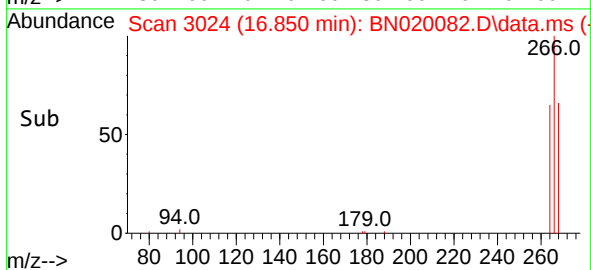
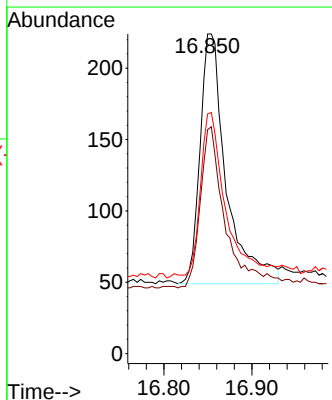
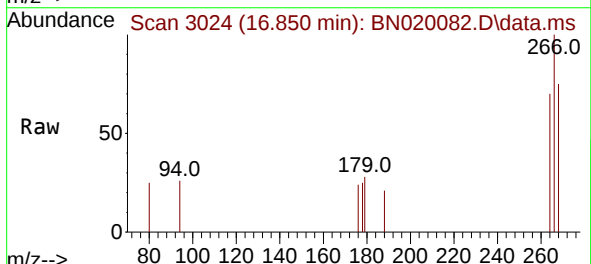
Instrument :
 BNA_N
 ClientSampleId :

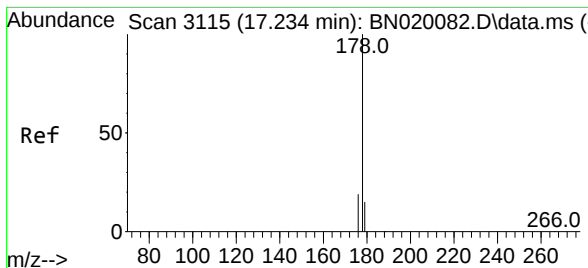
Tgt Ion:166 Resp: 11250
 Ion Ratio Lower Upper
 166 100
 165 98.0 78.2 117.2
 167 14.2 11.3 16.9



#14
 Pentachlorophenol
 Concen: 0.114 ng/ul
 RT: 16.850 min Scan# 3024
 Delta R.T. 0.000 min
 Lab File: BN020082.D
 Acq: 09 Jun 2022 16:03

Tgt Ion:266 Resp: 363
 Ion Ratio Lower Upper
 266 100
 264 62.0 44.9 67.3
 268 61.2 44.6 67.0





#15

Phenanthrene

Concen: 0.358 ng/ul

RT: 17.234 min Scan# 3115

Delta R.T. 0.000 min

Lab File: BN020082.D

Acq: 09 Jun 2022 16:03

Instrument :

BNA_N

ClientSampleId :

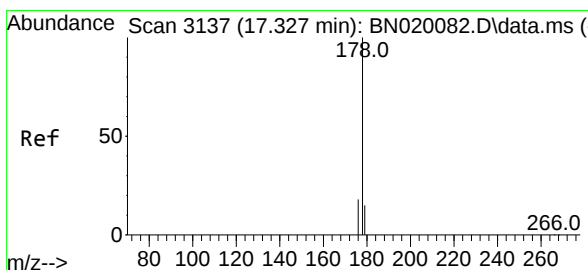
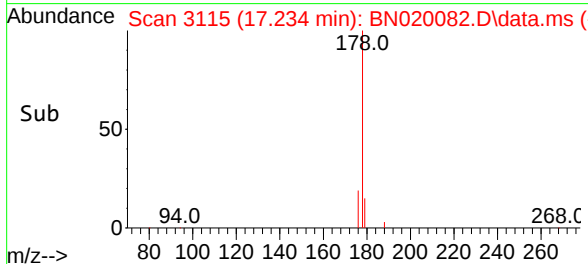
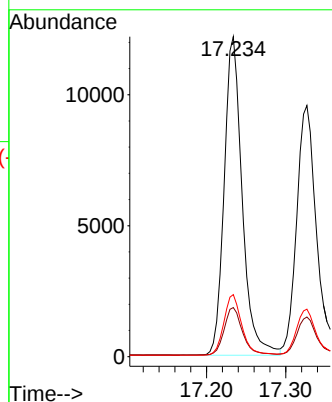
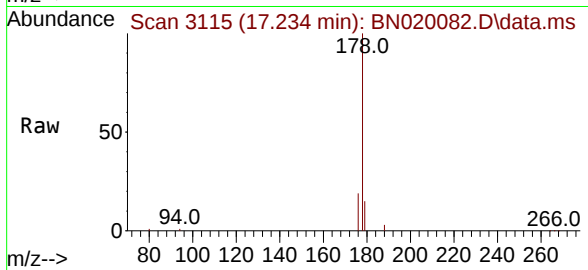
Tgt Ion:178 Resp: 19277

Ion Ratio Lower Upper

178 100

179 15.4 12.9 19.3

176 19.4 15.5 23.3



#16

Anthracene

Concen: 0.361 ng/ul

RT: 17.327 min Scan# 3137

Delta R.T. 0.000 min

Lab File: BN020082.D

Acq: 09 Jun 2022 16:03

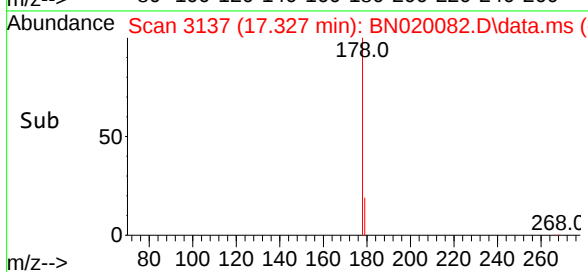
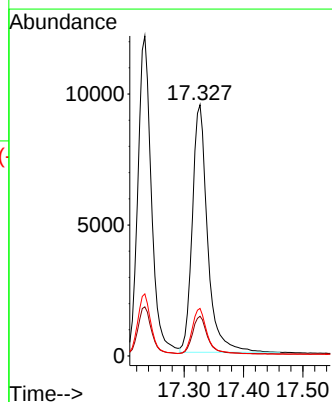
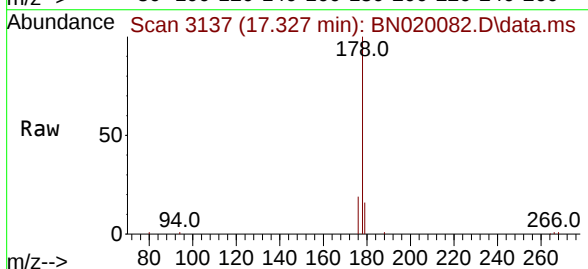
Tgt Ion:178 Resp: 16846

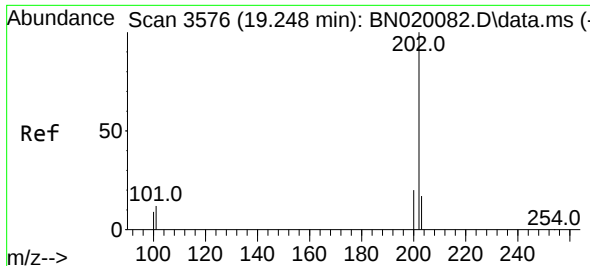
Ion Ratio Lower Upper

178 100

179 15.8 13.1 19.7

176 18.9 15.3 22.9

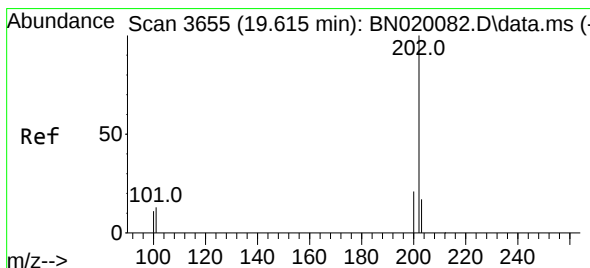
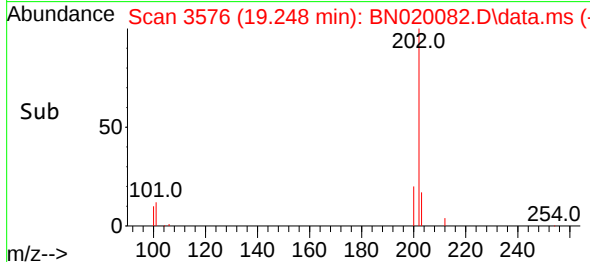
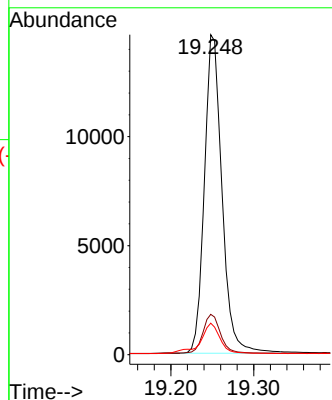
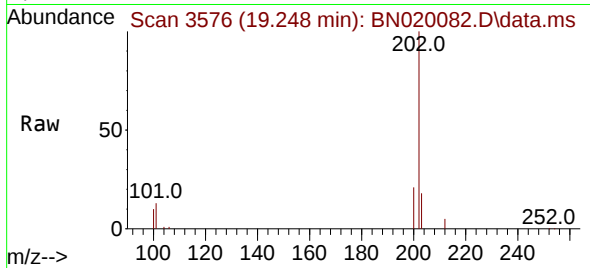




#19
Fluoranthene
Concen: 0.380 ng/ul
RT: 19.248 min Scan# 3576
Delta R.T. 0.000 min
Lab File: BN020082.D
Acq: 09 Jun 2022 16:03

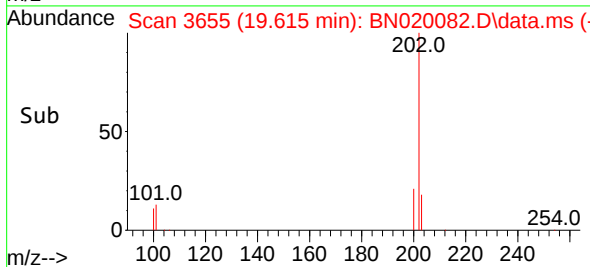
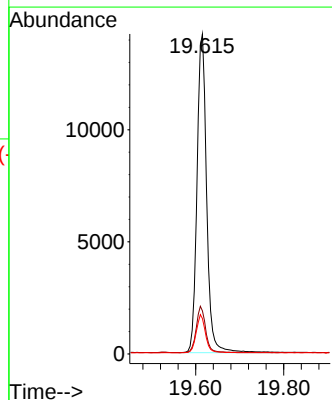
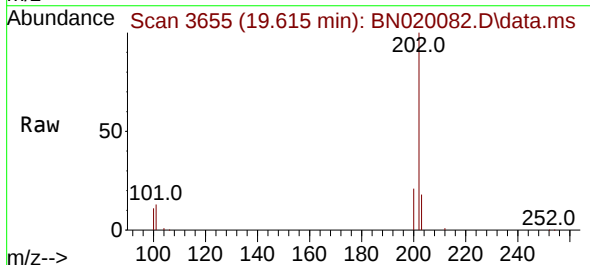
Instrument :
BNA_N
ClientSampleId :

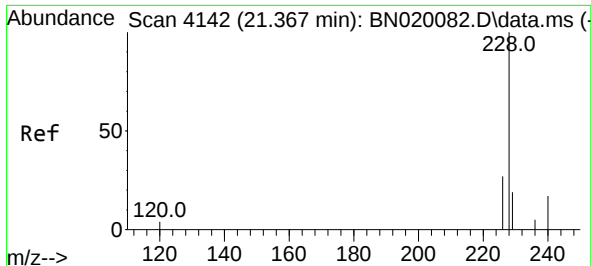
Tgt Ion:202 Resp: 21573
Ion Ratio Lower Upper
202 100
101 12.6 9.7 14.5
100 9.9 7.4 11.2



#20
Pyrene
Concen: 0.379 ng/ul
RT: 19.615 min Scan# 3655
Delta R.T. 0.000 min
Lab File: BN020082.D
Acq: 09 Jun 2022 16:03

Tgt Ion:202 Resp: 21617
Ion Ratio Lower Upper
202 100
101 13.5 11.4 17.0
100 11.1 9.0 13.4

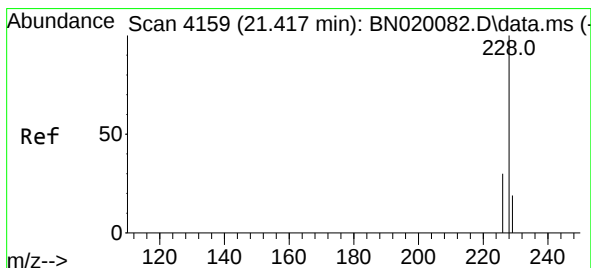
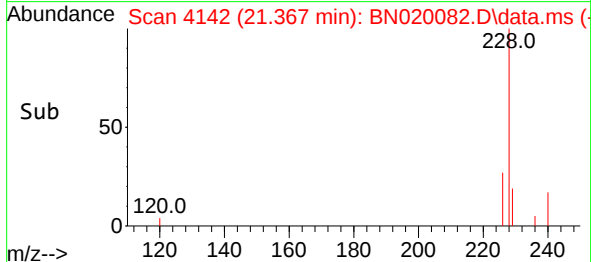
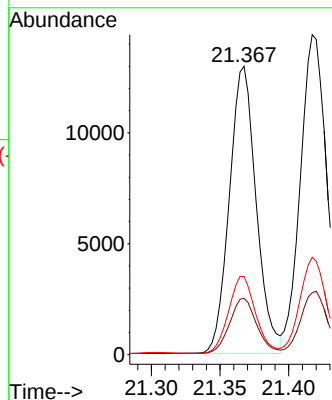
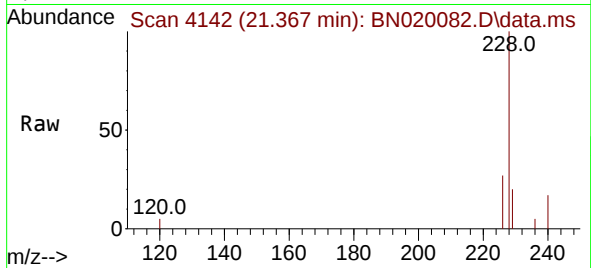




#21
Benzo(a)anthracene
Concen: 0.362 ng/ul
RT: 21.367 min Scan# 4142
Delta R.T. 0.000 min
Lab File: BN020082.D
Acq: 09 Jun 2022 16:03

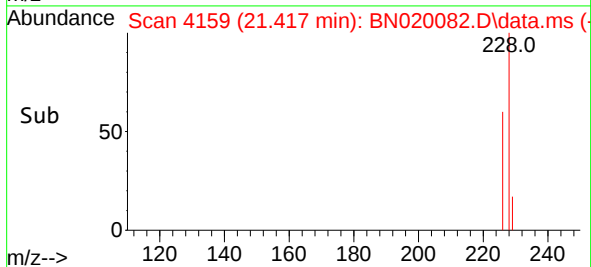
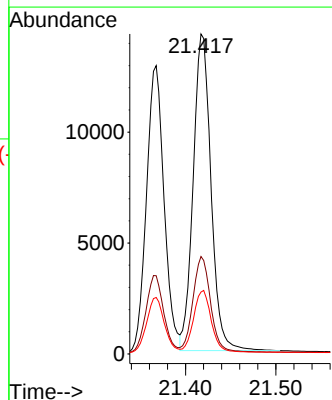
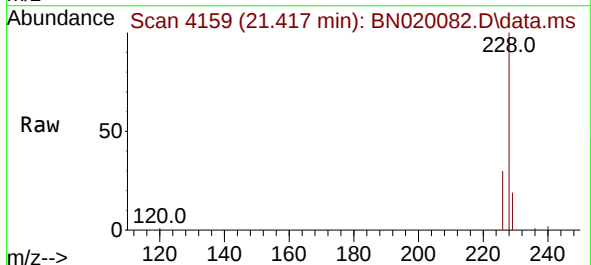
Instrument :
BNA_N
ClientSampleId :

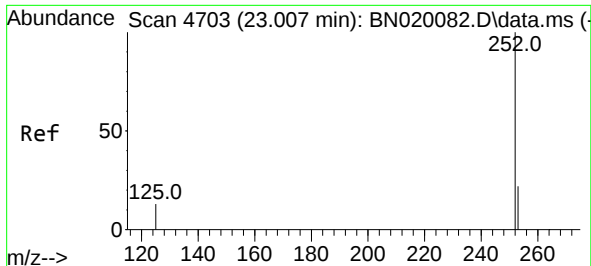
Tgt Ion:228 Resp: 17610
Ion Ratio Lower Upper
228 100
229 19.6 16.1 24.1
226 27.1 22.1 33.1



#22
Chrysene
Concen: 0.356 ng/ul
RT: 21.417 min Scan# 4159
Delta R.T. 0.000 min
Lab File: BN020082.D
Acq: 09 Jun 2022 16:03

Tgt Ion:228 Resp: 19549
Ion Ratio Lower Upper
228 100
226 30.5 24.2 36.2
229 19.3 16.0 24.0

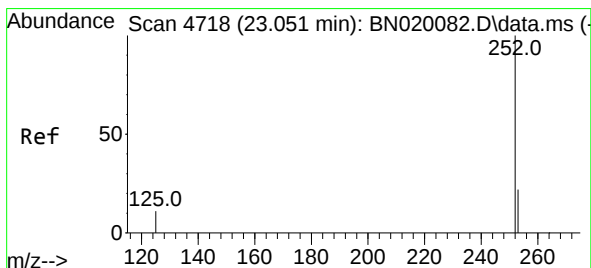
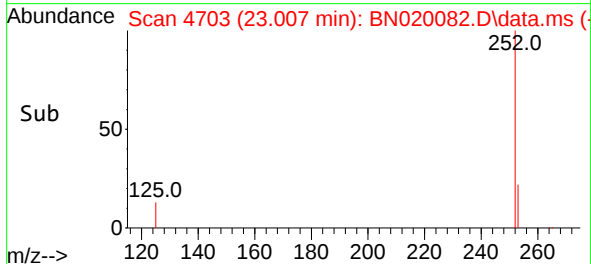
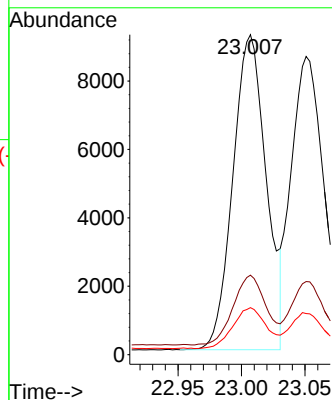
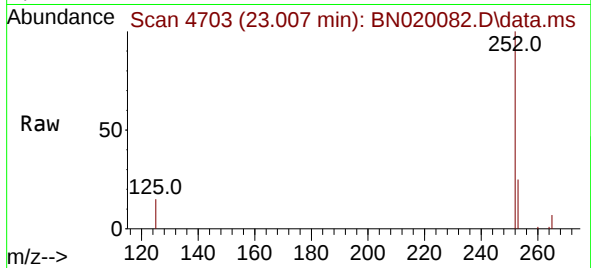




#24
Benzo(b)fluoranthene
Concen: 0.384 ng/ul
RT: 23.007 min Scan# 4703
Delta R.T. 0.000 min
Lab File: BN020082.D
Acq: 09 Jun 2022 16:03

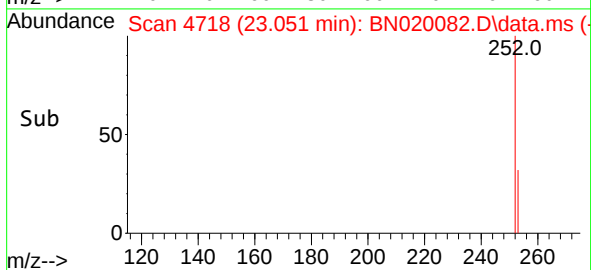
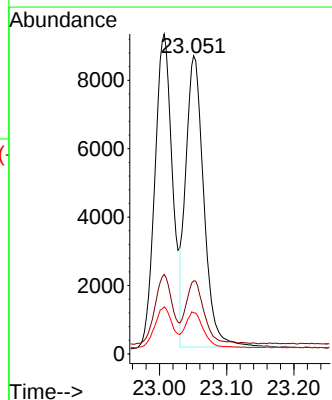
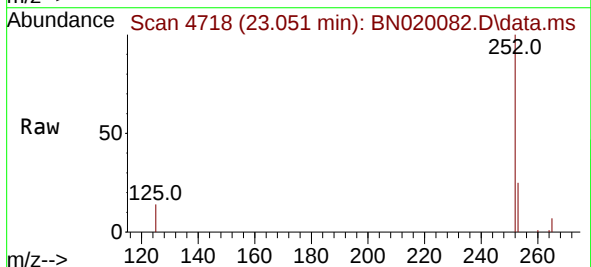
Instrument :
BNA_N
ClientSampleId :

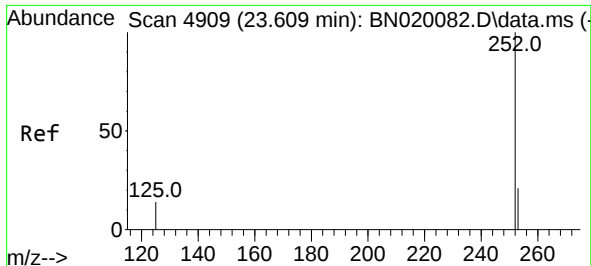
Tgt Ion:252 Resp: 16819
Ion Ratio Lower Upper
252 100
253 24.8 0.0 52.0
125 14.7 0.0 40.2



#25
Benzo(k)fluoranthene
Concen: 0.371 ng/ul
RT: 23.051 min Scan# 4718
Delta R.T. 0.000 min
Lab File: BN020082.D
Acq: 09 Jun 2022 16:03

Tgt Ion:252 Resp: 15955
Ion Ratio Lower Upper
252 100
253 24.5 20.2 30.2
125 13.8 11.0 16.6

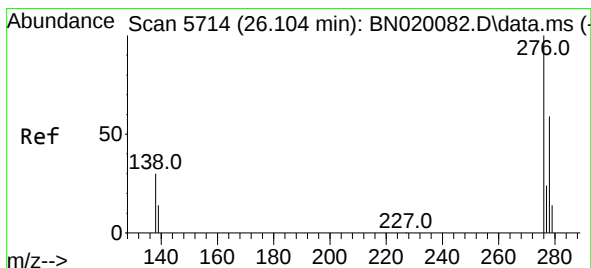
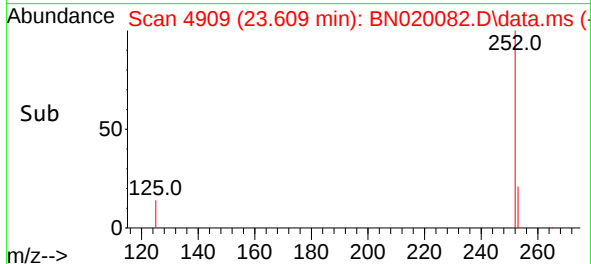
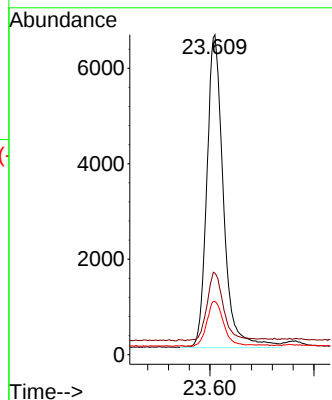
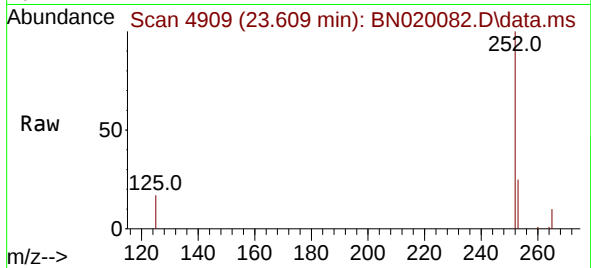




#26
Benzo(a)pyrene
Concen: 0.362 ng/ul
RT: 23.609 min Scan# 4909
Delta R.T. 0.000 min
Lab File: BN020082.D
Acq: 09 Jun 2022 16:03

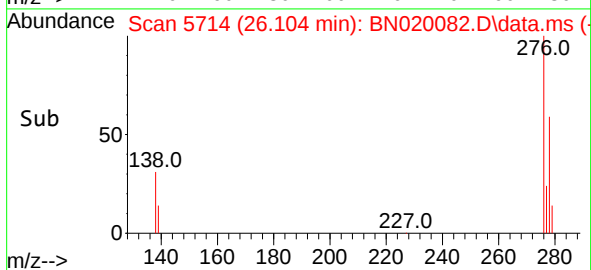
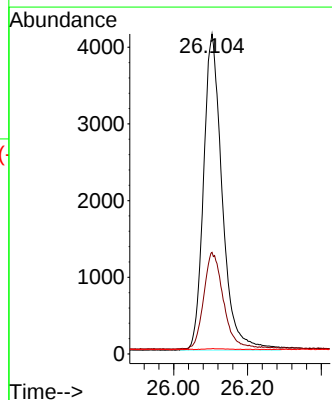
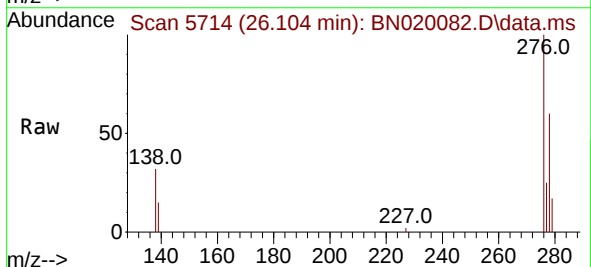
Instrument :
BNA_N
ClientSampleId :

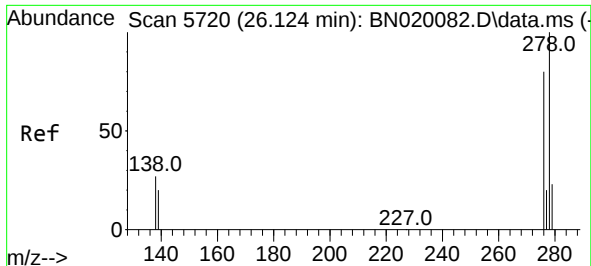
Tgt Ion:252 Resp: 14511
Ion Ratio Lower Upper
252 100
253 25.4 23.4 35.0
125 16.7 28.3 42.5#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.317 ng/ul
RT: 26.104 min Scan# 5714
Delta R.T. 0.000 min
Lab File: BN020082.D
Acq: 09 Jun 2022 16:03

Tgt Ion:276 Resp: 14512
Ion Ratio Lower Upper
276 100
138 31.6 23.6 35.4
227 0.3 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.318 ng/ul

RT: 26.124 min Scan# 51

Delta R.T. 0.000 min

Lab File: BN020082.D

Acq: 09 Jun 2022 16:03

Instrument :

BNA_N

ClientSampleId :

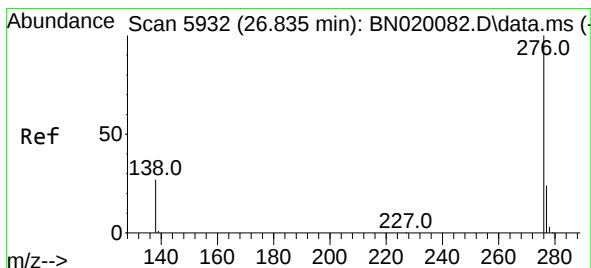
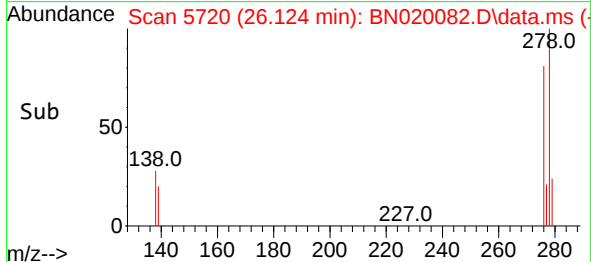
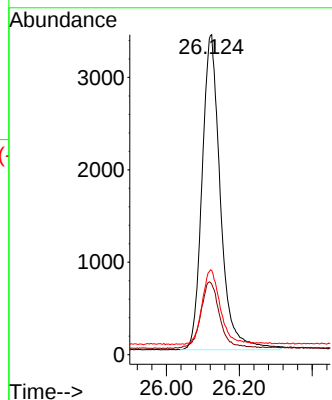
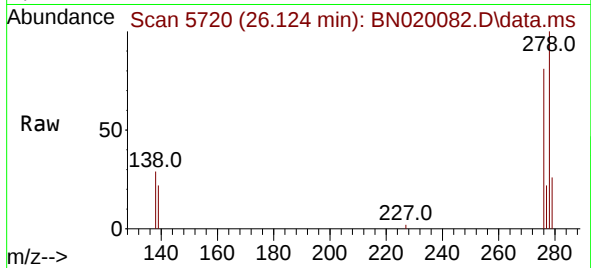
Tgt Ion:278 Resp: 11883

Ion Ratio Lower Upper

278 100

139 22.0 18.6 28.0

279 26.4 35.1 52.7#



#29

Benzo(g,h,i)perylene

Concen: 0.326 ng/ul

RT: 26.835 min Scan# 5932

Delta R.T. 0.000 min

Lab File: BN020082.D

Acq: 09 Jun 2022 16:03

Tgt Ion:276 Resp: 12596

Ion Ratio Lower Upper

276 100

138 28.6 20.9 31.3

277 25.1 20.4 30.6

