

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061323\
 Data File : BN025820.D
 Acq On : 14 Jun 2023 00:01
 Operator : MA/JU
 Sample : 02950-14MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW990MSD

Quant Time: Jun 14 00:30:58 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 10 02:01:49 2023
 Response via : Initial Calibration

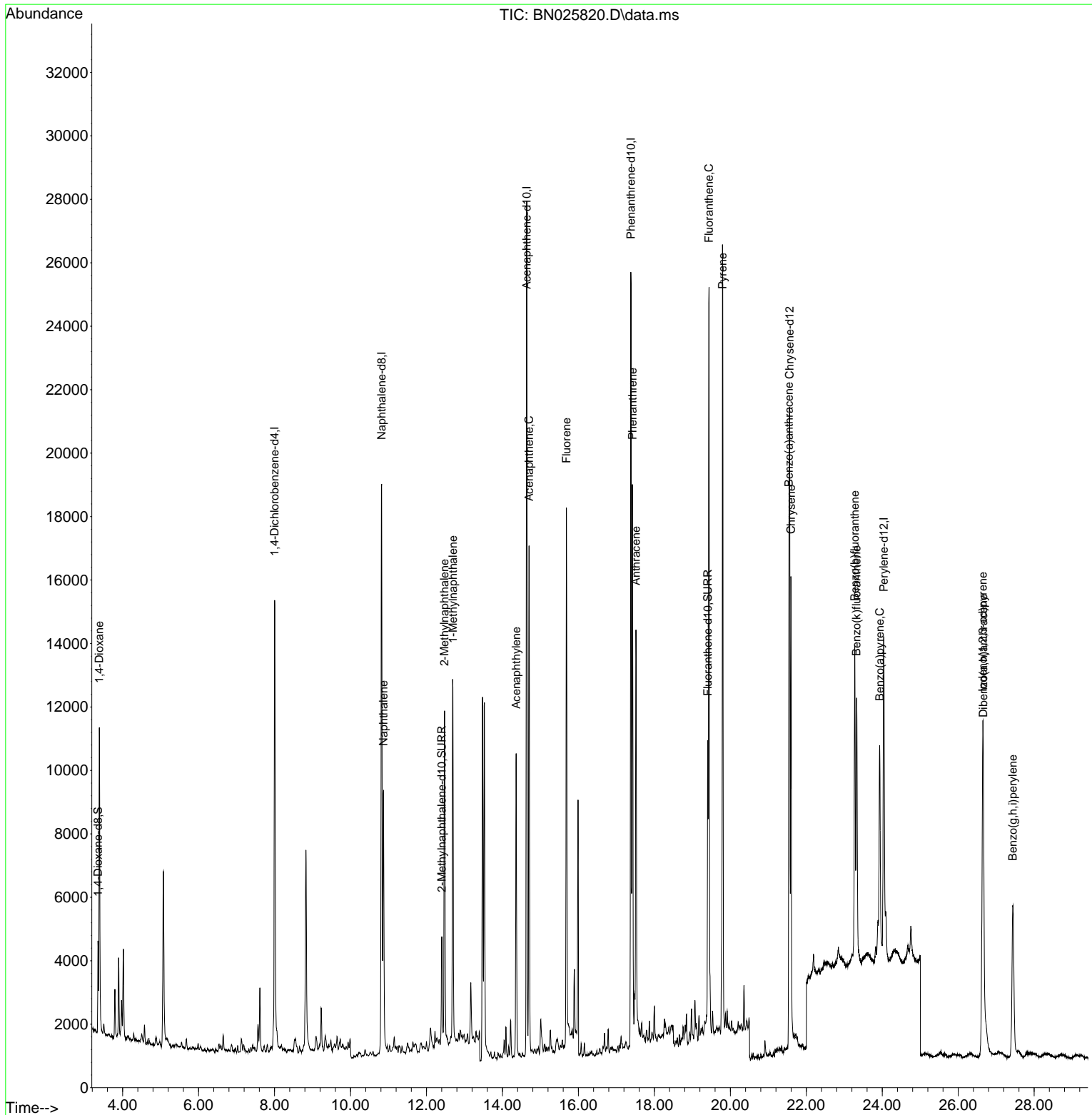
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.001	152	8528	0.400	ng/ul	-0.01	
4) Naphthalene-d8	10.820	136	26033	0.400	ng/ul	0.00	
9) Acenaphthene-d10	14.640	164	15289	0.400	ng/ul	0.00	
13) Phenanthrene-d10	17.385	188	29610	0.400	ng/ul	0.00	
17) Chrysene-d12	21.561	240	15117	0.400	ng/ul	0.00	
23) Perylene-d12	24.040	264	14657	0.400	ng/ul	-0.01	
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.352	96	1853	0.221	ng/ul	0.00	
6) 2-Methylnaphthalene-d10	12.403	152	4662	0.141	ng/ul	0.00	
18) Fluoranthene-d10	19.405	212	9420	0.198	ng/ul	0.00	
Target Compounds							
							Qvalue
2) 1,4-Dioxane	3.386	88	6886	0.767	ng/ul		94
5) Naphthalene	10.869	128	12195	0.184	ng/ul		98
7) 2-Methylnaphthalene	12.475	142	8025	0.201	ng/ul		99
8) 1-Methylnaphthalene	12.695	142	8350	0.190	ng/ul		100
10) Acenaphthylene	14.362	152	11576	0.192	ng/ul		98
11) Acenaphthene	14.700	153	9544	0.189	ng/ul		99
12) Fluorene	15.685	166	10998	0.196	ng/ul		98
15) Phenanthrene	17.423	178	20129	0.233	ng/ul		99
16) Anthracene	17.516	178	15213	0.209	ng/ul		98
19) Fluoranthene	19.438	202	20739	0.300	ng/ul		99
20) Pyrene	19.796	202	21309	0.298	ng/ul		97
21) Benzo(a)anthracene	21.544	228	12834	0.266	ng/ul		96
22) Chrysene	21.599	228	14392	0.261	ng/ul		97
24) Benzo(b)fluoranthene	23.277	252	13318	0.222	ng/ul		90
25) Benzo(k)fluoranthene	23.324	252	12393	0.206	ng/ul#		89
26) Benzo(a)pyrene	23.932	252	10714	0.211	ng/ul#		88
27) Indeno(1,2,3-cd)pyrene	26.645	276	15701	0.271	ng/ul#		96
28) Dibenzo(a,h)anthracene	26.662	278	11108	0.253	ng/ul		99
29) Benzo(g,h,i)perylene	27.436	276	11150	0.215	ng/ul		96

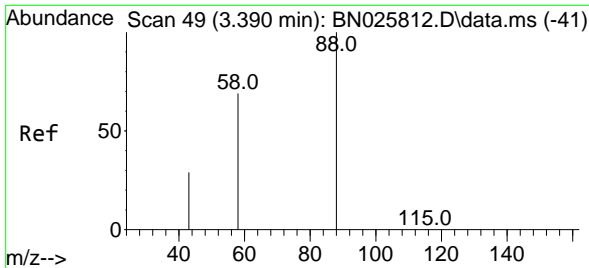
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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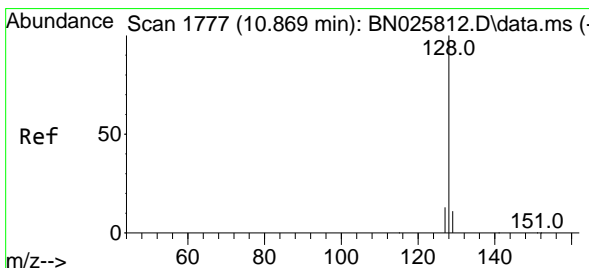
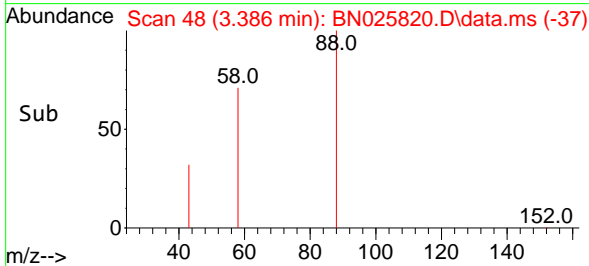
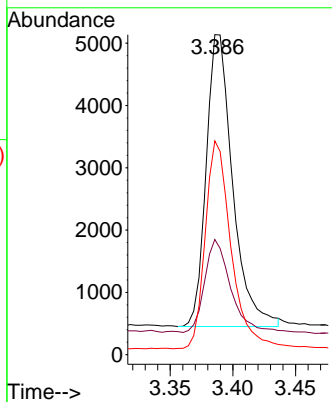
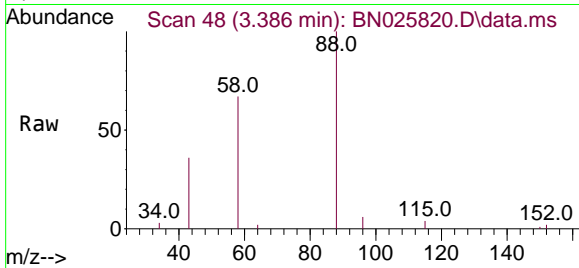


#2
 1,4-Dioxane
 Concen: 0.767 ng/ul
 RT: 3.386 min Scan# 41
 Delta R.T. -0.004 min
 Lab File: BN025820.D
 Acq: 14 Jun 2023 00:01

Instrument :
 BNA_N
 ClientSampleId :
 EW990MSD

Tgt Ion: 88 Resp: 6886

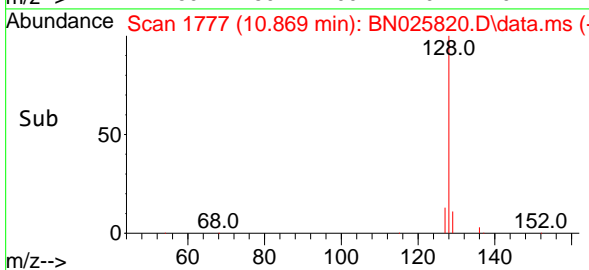
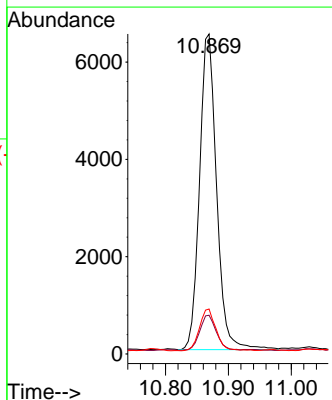
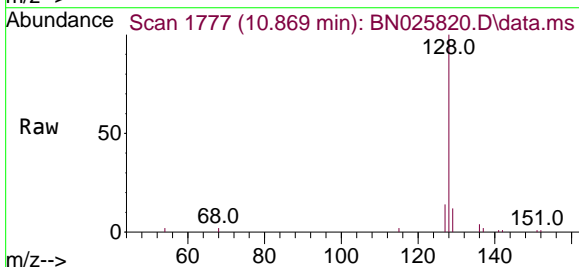
Ion	Ratio	Lower	Upper
88	100		
43	36.0	26.5	39.7
58	66.8	49.0	73.6

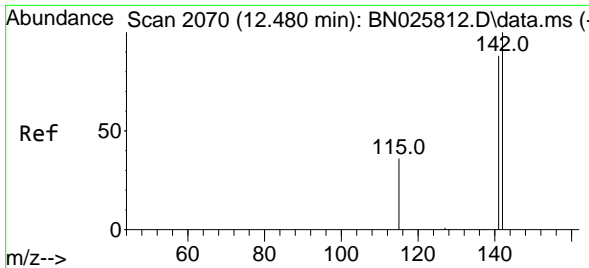


#5
 Naphthalene
 Concen: 0.184 ng/ul
 RT: 10.869 min Scan# 1777
 Delta R.T. -0.006 min
 Lab File: BN025820.D
 Acq: 14 Jun 2023 00:01

Tgt Ion: 128 Resp: 12195

Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.1	13.7
127	14.0	10.5	15.7

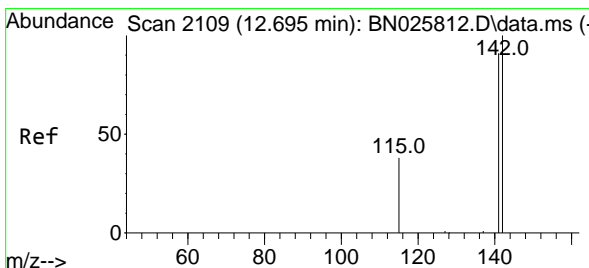
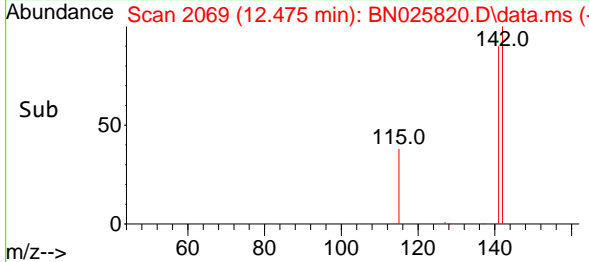
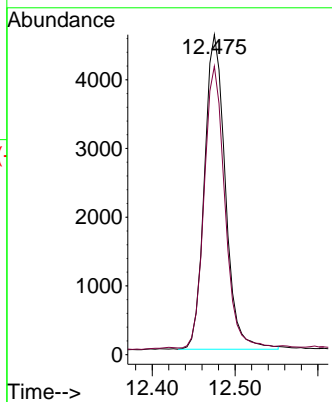
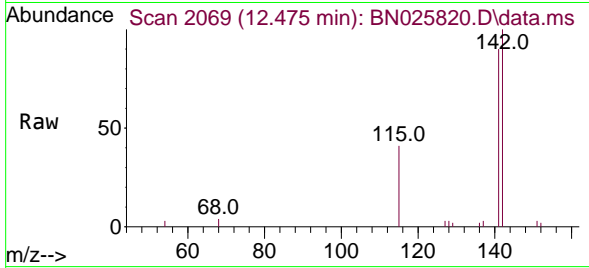




#7
 2-Methylnaphthalene
 Concen: 0.201 ng/ul
 RT: 12.475 min Scan# 2069
 Delta R.T. -0.005 min
 Lab File: BN025820.D
 Acq: 14 Jun 2023 00:01

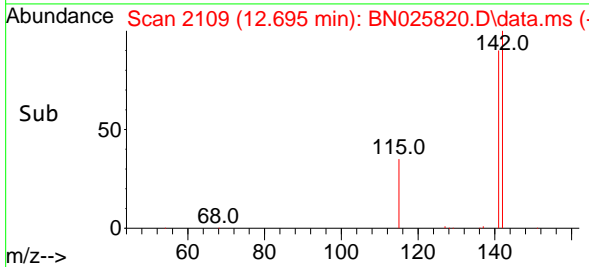
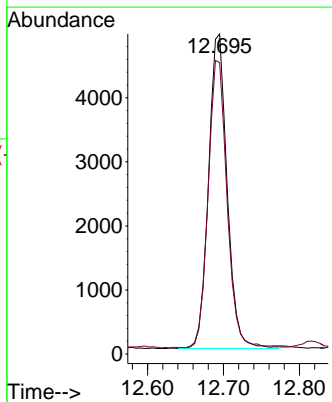
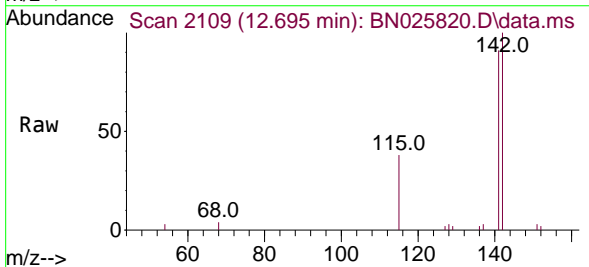
Instrument : BNA_N
 ClientSampleId : EW990MSD

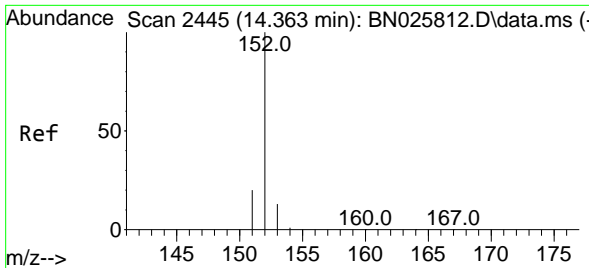
Tgt Ion:142 Resp: 8025
 Ion Ratio Lower Upper
 142 100
 141 88.4 71.4 107.2



#8
 1-Methylnaphthalene
 Concen: 0.190 ng/ul
 RT: 12.695 min Scan# 2109
 Delta R.T. -0.005 min
 Lab File: BN025820.D
 Acq: 14 Jun 2023 00:01

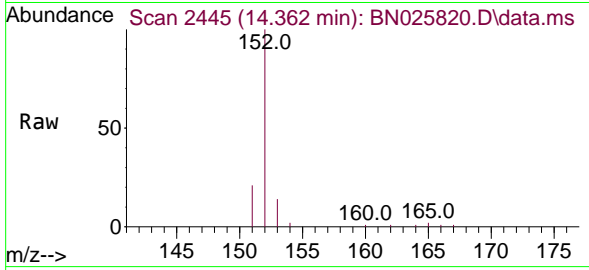
Tgt Ion:142 Resp: 8350
 Ion Ratio Lower Upper
 142 100
 141 92.6 74.0 111.0



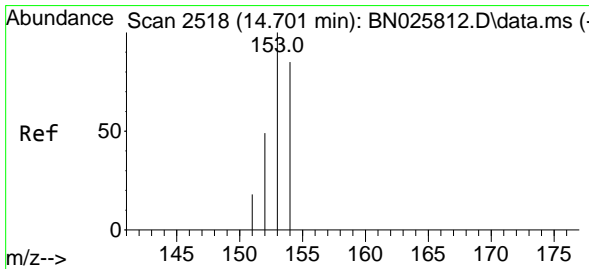
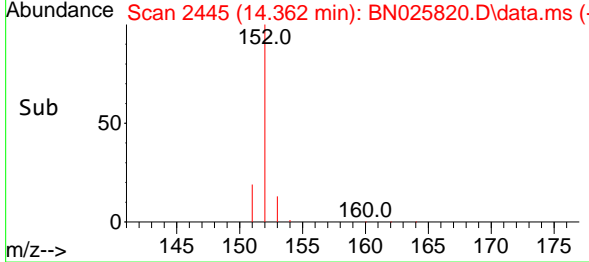
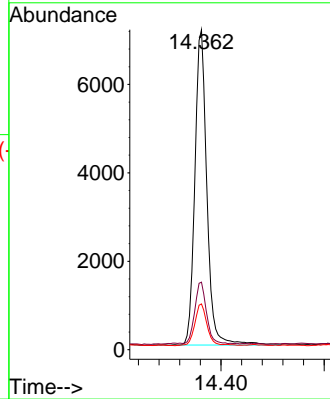


#10
 Acenaphthylene
 Concen: 0.192 ng/u1
 RT: 14.362 min Scan# 2445
 Delta R.T. -0.004 min
 Lab File: BN025820.D
 Acq: 14 Jun 2023 00:01

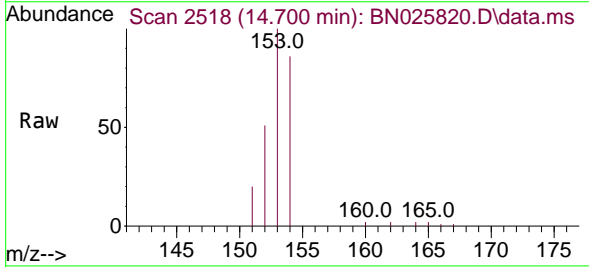
Instrument :
 BNA_N
 ClientSampleId :
 EW990MSD



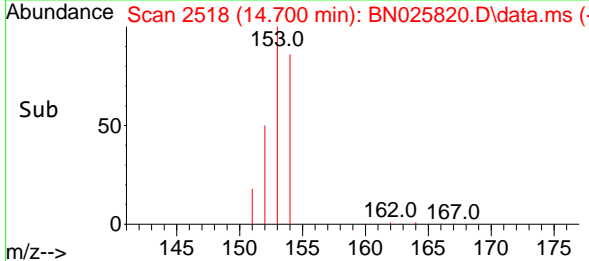
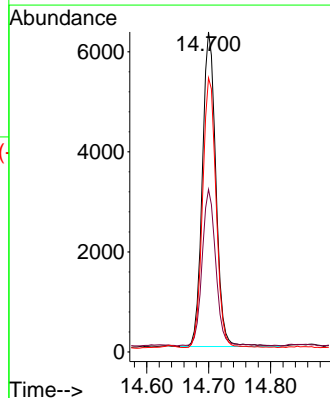
Tgt Ion:152 Resp: 11576
 Ion Ratio Lower Upper
 152 100
 151 21.1 16.0 24.0
 153 14.3 10.7 16.1

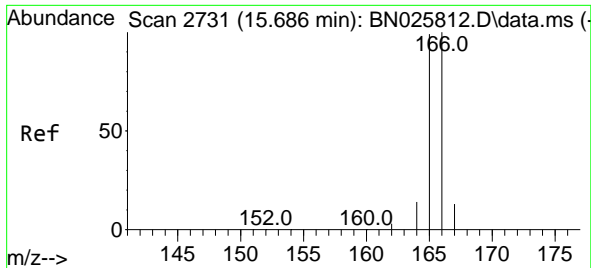


#11
 Acenaphthene
 Concen: 0.189 ng/u1
 RT: 14.700 min Scan# 2518
 Delta R.T. -0.004 min
 Lab File: BN025820.D
 Acq: 14 Jun 2023 00:01



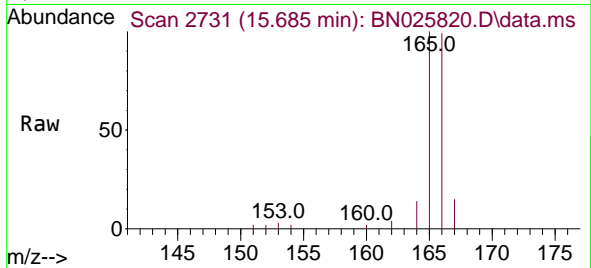
Tgt Ion:153 Resp: 9544
 Ion Ratio Lower Upper
 153 100
 152 50.8 39.5 59.3
 154 85.6 68.8 103.2





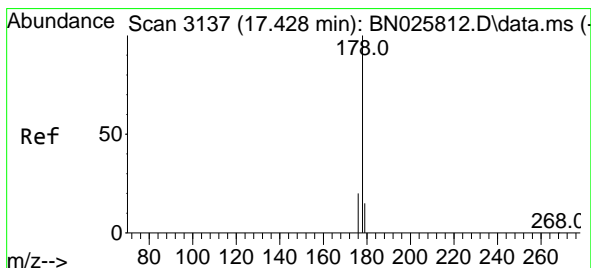
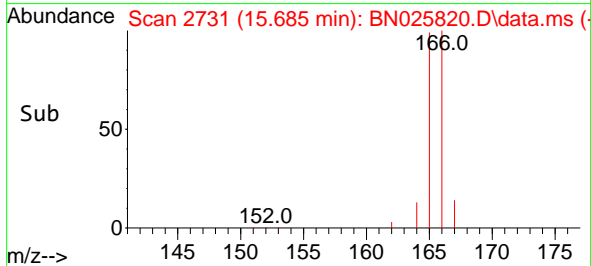
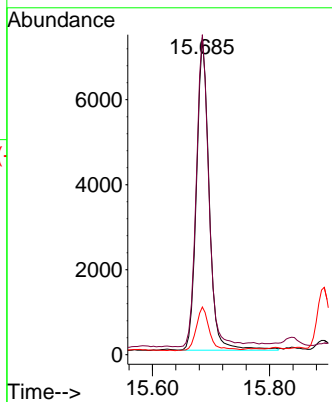
#12
 Fluorene
 Concen: 0.196 ng/u1
 RT: 15.685 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BN025820.D
 Acq: 14 Jun 2023 00:01

Instrument :
 BNA_N
 ClientSampleId :
 EW990MSD



Tgt Ion:166 Resp: 10998

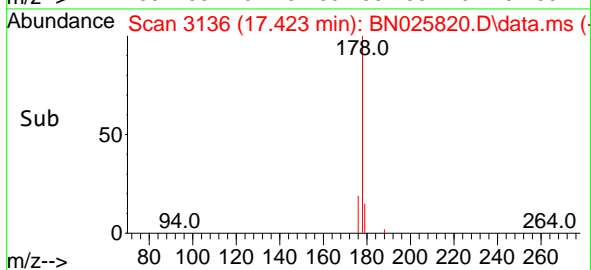
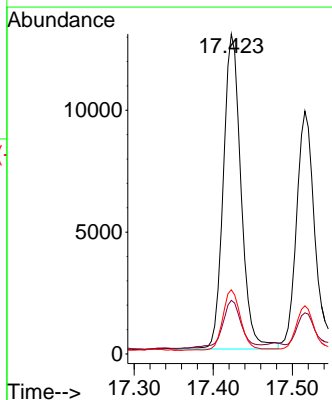
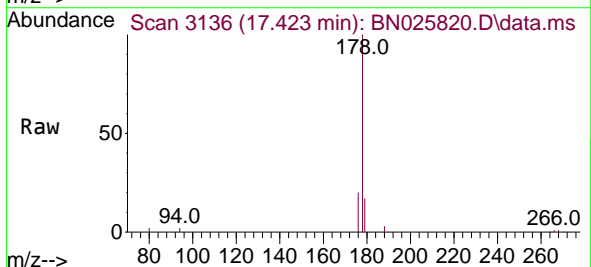
Ion	Ratio	Lower	Upper
166	100		
165	100.9	79.2	118.8
167	15.0	11.0	16.6

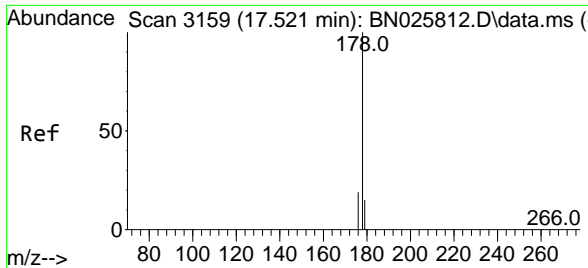


#15
 Phenanthrene
 Concen: 0.233 ng/u1
 RT: 17.423 min Scan# 3136
 Delta R.T. -0.008 min
 Lab File: BN025820.D
 Acq: 14 Jun 2023 00:01

Tgt Ion:178 Resp: 20129

Ion	Ratio	Lower	Upper
178	100		
179	16.8	12.6	18.8
176	20.0	15.8	23.8



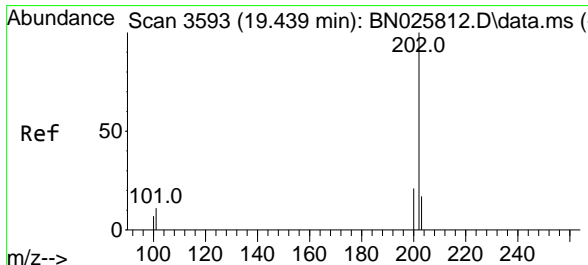
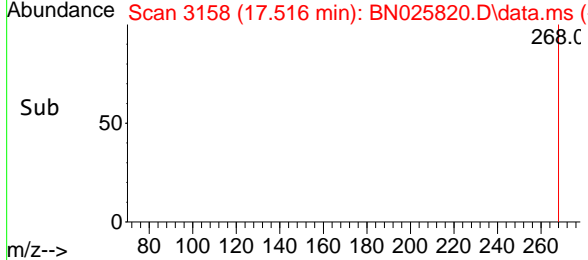
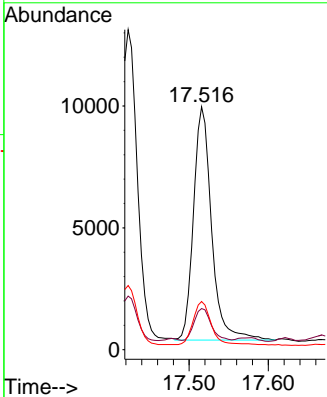
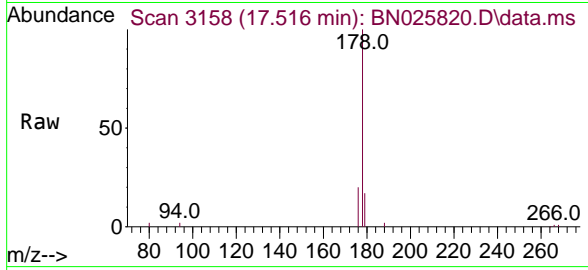


#16
 Anthracene
 Concen: 0.209 ng/u1
 RT: 17.516 min Scan# 3158
 Delta R.T. -0.008 min
 Lab File: BN025820.D
 Acq: 14 Jun 2023 00:01

Instrument : BNA_N
 ClientSampleId : EW990MSD

Tgt Ion:178 Resp: 15213

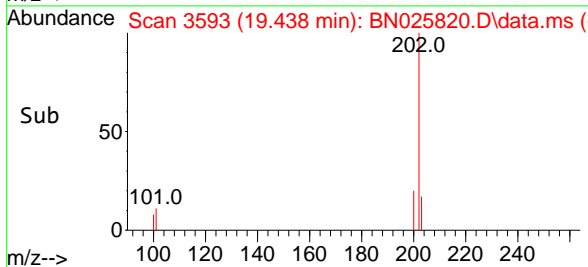
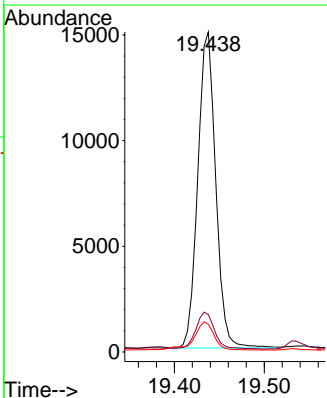
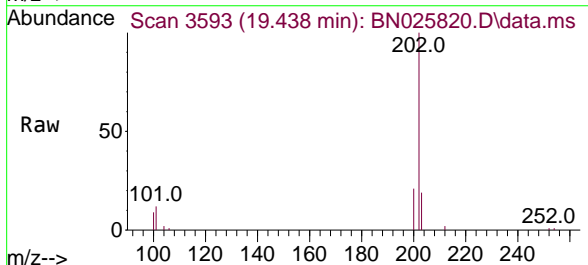
Ion	Ratio	Lower	Upper
178	100		
179	16.9	12.6	19.0
176	19.9	15.4	23.2

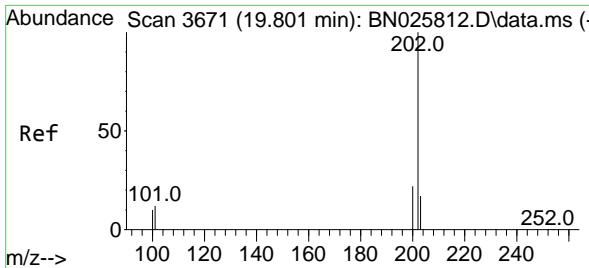


#19
 Fluoranthene
 Concen: 0.300 ng/u1
 RT: 19.438 min Scan# 3593
 Delta R.T. -0.004 min
 Lab File: BN025820.D
 Acq: 14 Jun 2023 00:01

Tgt Ion:202 Resp: 20739

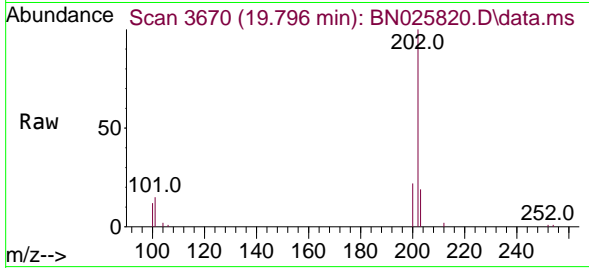
Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.1	13.7
100	8.7	7.0	10.6



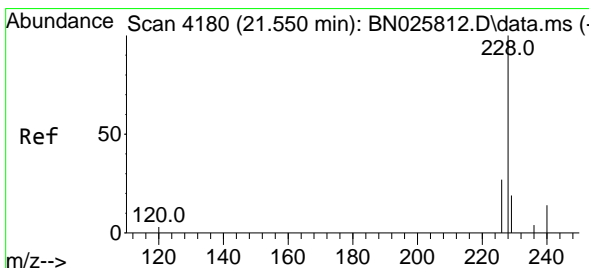
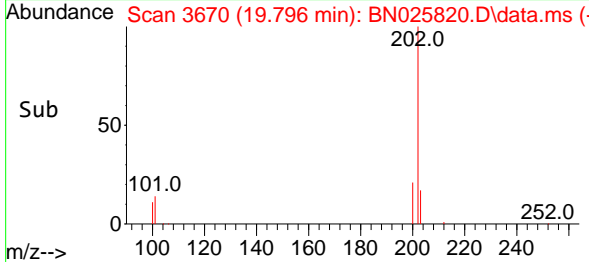
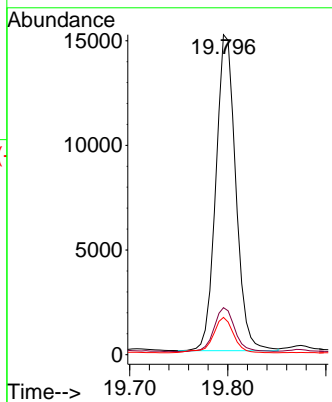


#20
 Pyrene
 Concen: 0.298 ng/u1
 RT: 19.796 min Scan# 30
 Delta R.T. -0.009 min
 Lab File: BN025820.D
 Acq: 14 Jun 2023 00:01

Instrument :
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 EW990MSD

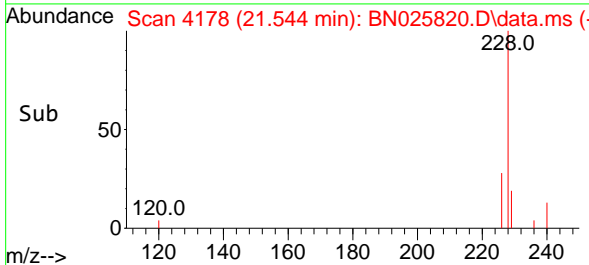
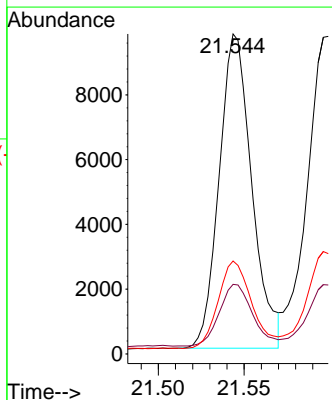
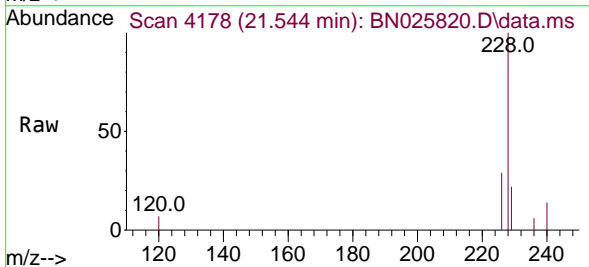


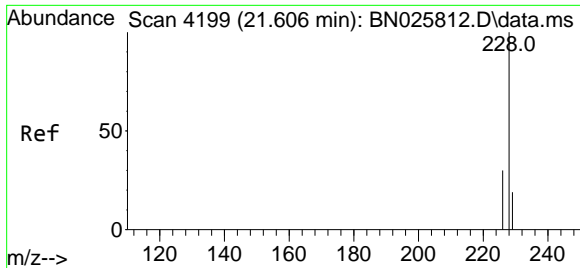
Tgt Ion:202 Resp: 21309
 Ion Ratio Lower Upper
 202 100
 101 14.7 10.4 15.6
 100 11.7 8.8 13.2



#21
 Benzo(a)anthracene
 Concen: 0.266 ng/u1
 RT: 21.544 min Scan# 4178
 Delta R.T. -0.008 min
 Lab File: BN025820.D
 Acq: 14 Jun 2023 00:01

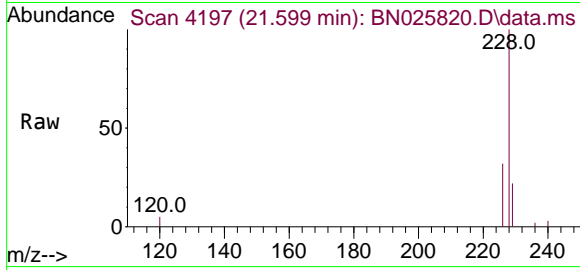
Tgt Ion:228 Resp: 12834
 Ion Ratio Lower Upper
 228 100
 229 21.7 15.5 23.3
 226 29.1 22.0 33.0



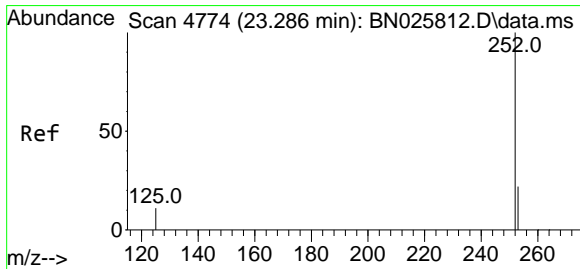
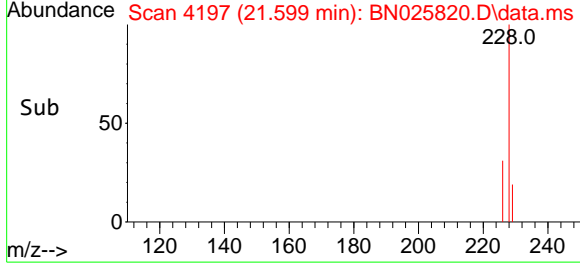
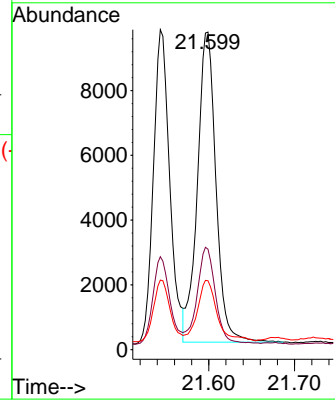


#22
 Chrysene
 Concen: 0.261 ng/u1
 RT: 21.599 min Scan# 4197
 Delta R.T. -0.009 min
 Lab File: BN025820.D
 Acq: 14 Jun 2023 00:01

Instrument :
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 ClientSampleId :
 EW990MSD

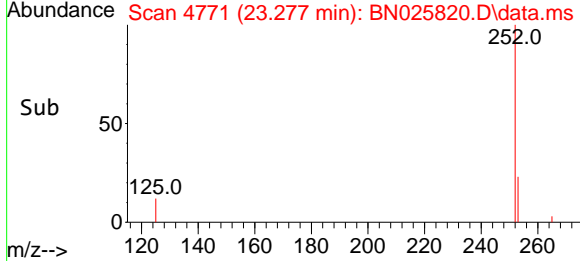
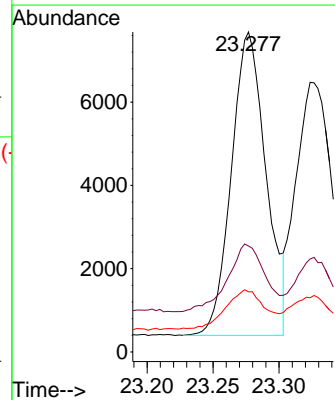
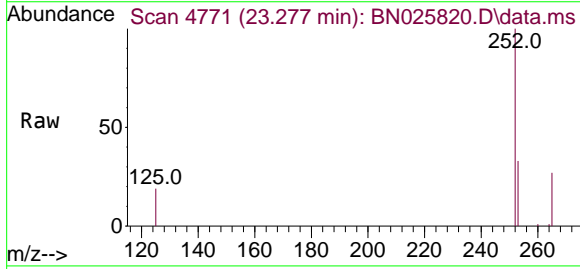


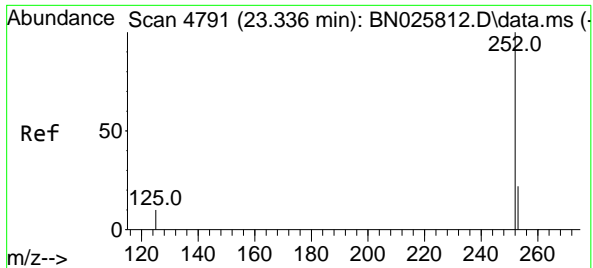
Tgt Ion:228 Resp: 14392
 Ion Ratio Lower Upper
 228 100
 226 31.6 24.7 37.1
 229 21.7 15.7 23.5



#24
 Benzo(b)fluoranthene
 Concen: 0.222 ng/u1
 RT: 23.277 min Scan# 4771
 Delta R.T. -0.014 min
 Lab File: BN025820.D
 Acq: 14 Jun 2023 00:01

Tgt Ion:252 Resp: 13318
 Ion Ratio Lower Upper
 252 100
 253 33.1 0.0 56.0
 125 18.8 0.0 28.0

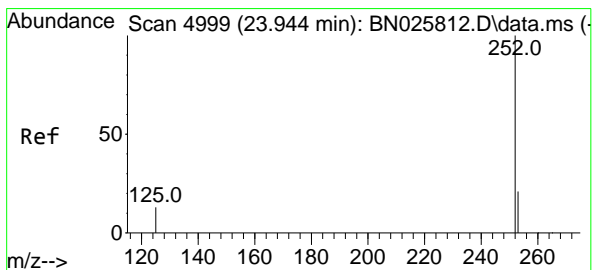
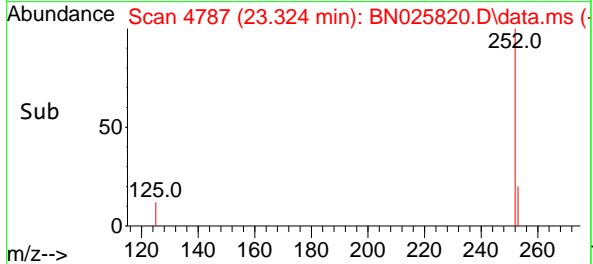
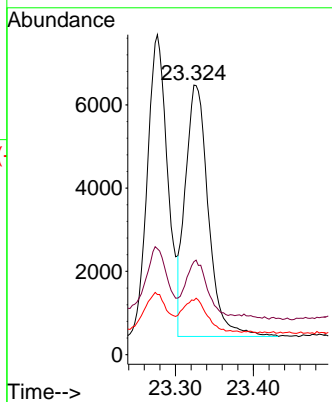
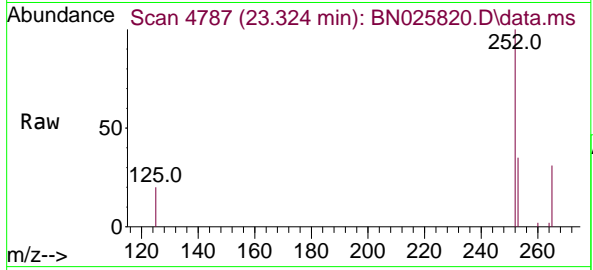




#25
 Benzo(k)fluoranthene
 Concen: 0.206 ng/u1
 RT: 23.324 min Scan# 41
 Delta R.T. -0.017 min
 Lab File: BN025820.D
 Acq: 14 Jun 2023 00:01

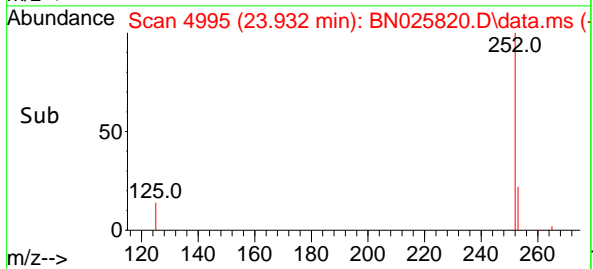
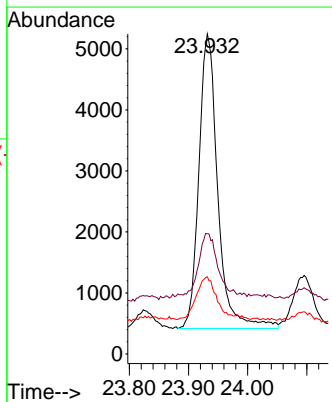
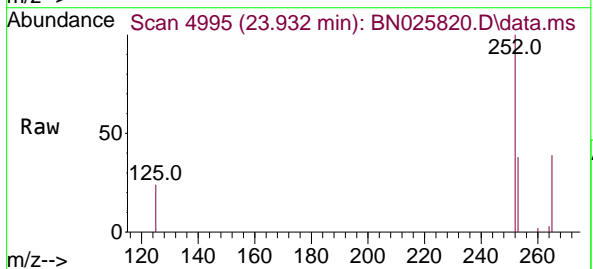
Instrument : BNA_N
 ClientSampleId : EW990MSD

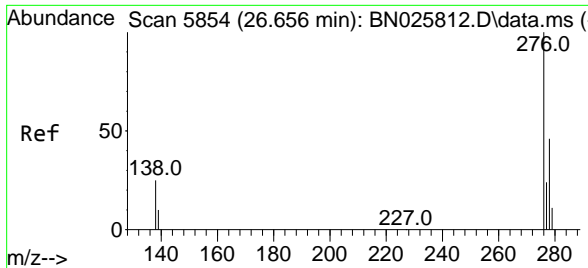
Tgt Ion	Resp	Lower	Upper
252	12393		
253	34.5	23.3	34.9
125	20.1	11.6	17.4#



#26
 Benzo(a)pyrene
 Concen: 0.211 ng/u1
 RT: 23.932 min Scan# 4995
 Delta R.T. -0.011 min
 Lab File: BN025820.D
 Acq: 14 Jun 2023 00:01

Tgt Ion	Resp	Lower	Upper
252	10714		
253	37.6	25.8	38.8
125	24.1	13.5	20.3#



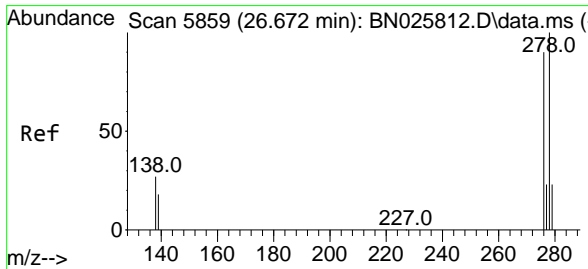
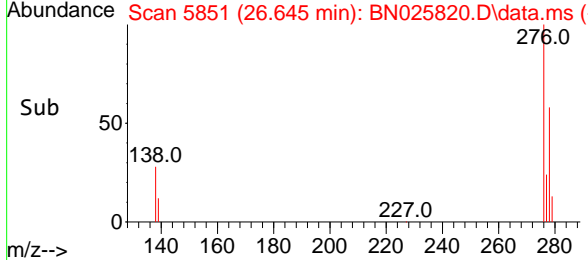
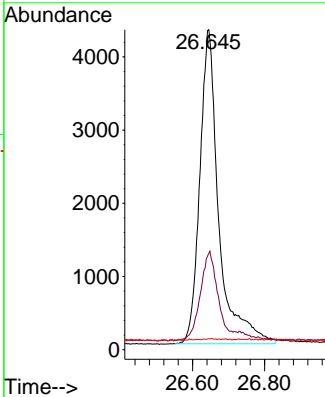
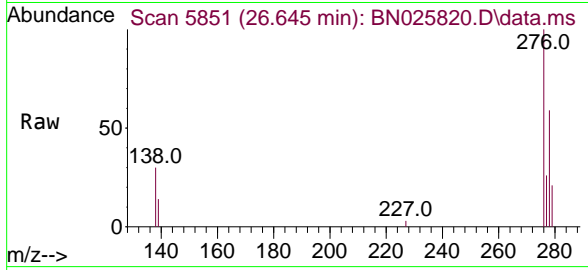


#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.271 ng/u1
 RT: 26.645 min Scan# 5851
 Delta R.T. -0.013 min
 Lab File: BN025820.D
 Acq: 14 Jun 2023 00:01

Instrument : BNA_N
 ClientSampleId : EW990MSD

Tgt Ion: 276 Resp: 15701

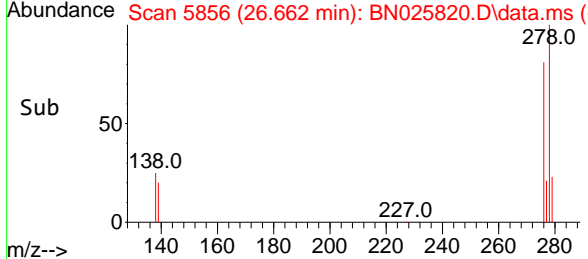
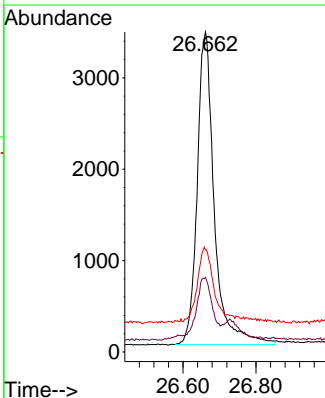
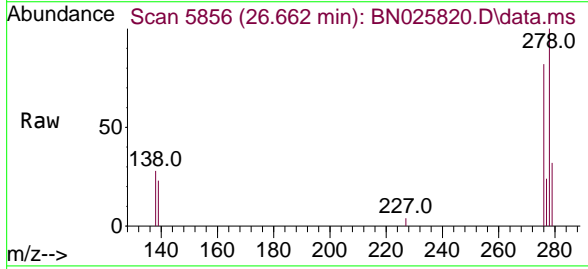
Ion	Ratio	Lower	Upper
276	100		
138	28.7	24.6	36.8
227	0.3	0.0	0.0

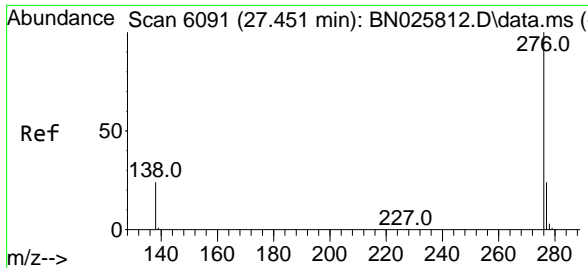


#28
 Dibenzo(a,h)anthracene
 Concen: 0.253 ng/u1
 RT: 26.662 min Scan# 5856
 Delta R.T. -0.023 min
 Lab File: BN025820.D
 Acq: 14 Jun 2023 00:01

Tgt Ion: 278 Resp: 11108

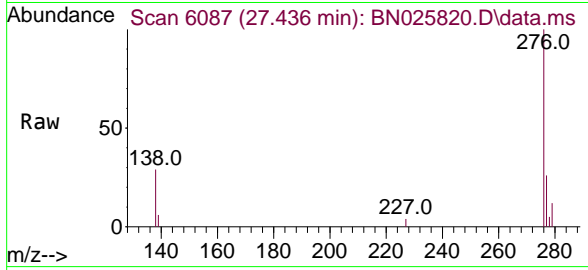
Ion	Ratio	Lower	Upper
278	100		
139	23.3	17.9	26.9
279	31.9	25.3	37.9





#29
 Benzo(g,h,i)perylene
 Concen: 0.215 ng/ul
 RT: 27.436 min Scan# 60
 Delta R.T. -0.013 min
 Lab File: BN025820.D
 Acq: 14 Jun 2023 00:01

Instrument : BNA_N
 ClientSampleId : EW990MSD



Tgt Ion: 276 Resp: 11150

Ion	Ratio	Lower	Upper
276	100		
138	29.2	21.8	32.8
277	26.5	19.4	29.2

