

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091922\
 Data File : BN021797.D
 Acq On : 19 Sep 2022 10:34
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

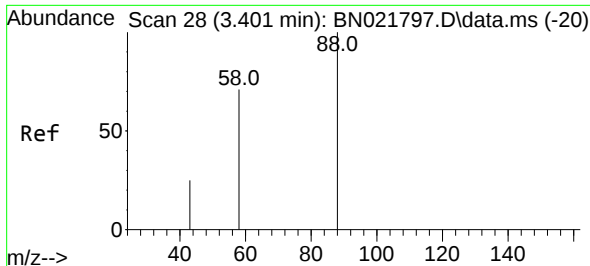
Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 20 00:23:18 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 20 00:20:21 2022
 Response via : Initial Calibration

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

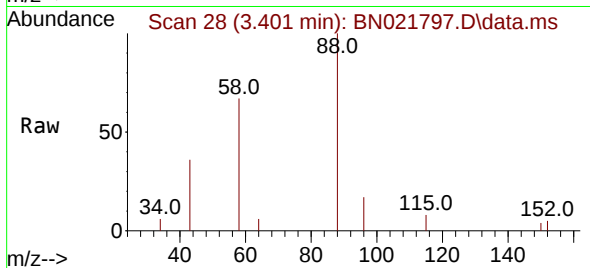
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.051	152	5041	0.400	ng/ul	0.00
4) Naphthalene-d8	10.883	136	17215	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.707	164	9565	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.460	188	17607	0.400	ng/ul	0.00
17) Chrysene-d12	21.647	240	11128	0.400	ng/ul #	0.00
23) Perylene-d12	24.152	264	9587	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.363	96	2368	0.382	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.473	152	11213	0.411	ng/ul	0.00
18) Fluoranthene-d10	19.487	212	17308	0.418	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.401	88	2357	0.371	ng/ul	93
5) Naphthalene	10.933	128	19532	0.402	ng/ul	97
7) 2-Methylnaphthalene	12.544	142	12789	0.405	ng/ul	98
8) 1-Methylnaphthalene	12.759	142	13100	0.405	ng/ul	99
10) Acenaphthylene	14.430	152	16969	0.422	ng/ul	99
11) Acenaphthene	14.772	153	13538	0.398	ng/ul	100
12) Fluorene	15.758	166	14640	0.383	ng/ul	99
14) Pentachlorophenol	17.109	266	1193	0.350	ng/ul	99
15) Phenanthrene	17.502	178	21890	0.394	ng/ul	99
16) Anthracene	17.595	178	19179	0.416	ng/ul	98
19) Fluoranthene	19.515	202	21093	0.406	ng/ul	98
20) Pyrene	19.878	202	21096	0.412	ng/ul	95
21) Benzo(a)anthracene	21.630	228	15994	0.429	ng/ul	99
22) Chrysene	21.685	228	15608	0.384	ng/ul	100
24) Benzo(b)fluoranthene	23.381	252	15413	0.331	ng/ul	95
25) Benzo(k)fluoranthene	23.430	252	14694	0.326	ng/ul#	96
26) Benzo(a)pyrene	24.041	252	13102	0.372	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.791	276	15198	0.383	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.818	278	12567	0.374	ng/ul	96
29) Benzo(g,h,i)perylene	27.609	276	13589	0.372	ng/ul	98

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



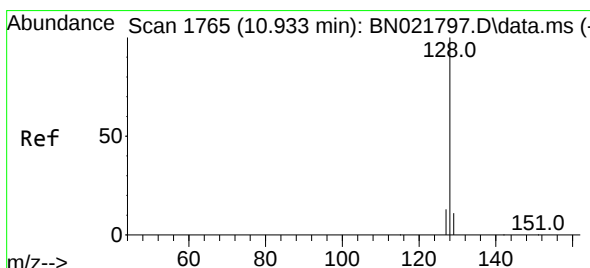
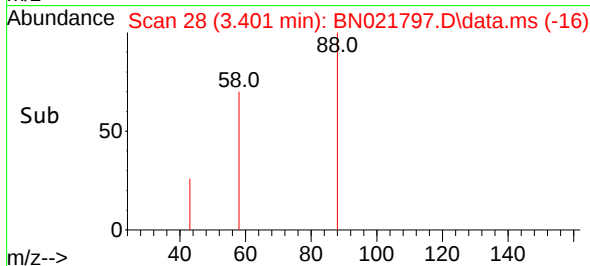
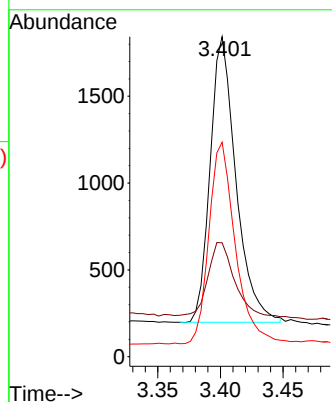
#2
1,4-Dioxane
Concen: 0.371 ng/ul
RT: 3.401 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN021797.D
Acq: 19 Sep 2022 10:34

Instrument :
BNA_M
ClientSampleId :



Tgt Ion: 88 Resp: 2357

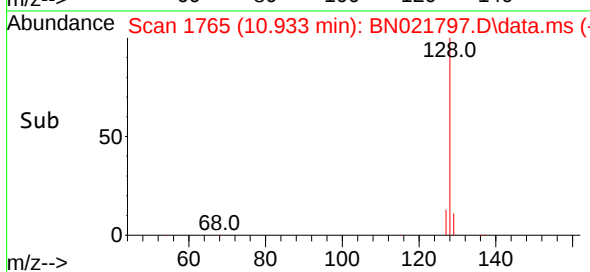
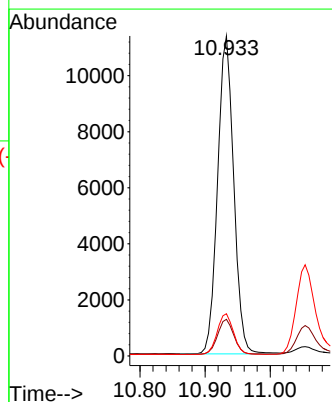
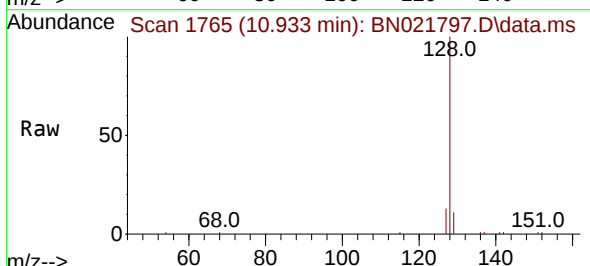
Ion	Ratio	Lower	Upper
88	100		
43	35.6	31.4	47.0
58	67.0	49.0	73.6

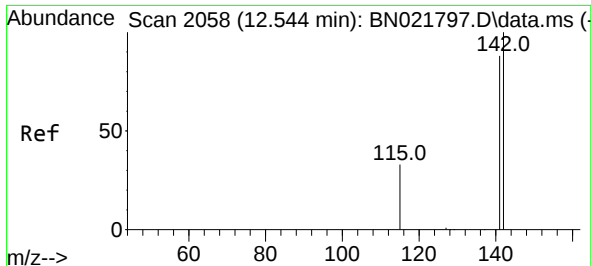


#5
Naphthalene
Concen: 0.402 ng/ul
RT: 10.933 min Scan# 1765
Delta R.T. 0.000 min
Lab File: BN021797.D
Acq: 19 Sep 2022 10:34

Tgt Ion: 128 Resp: 19532

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.8	14.6
127	13.2	11.6	17.4

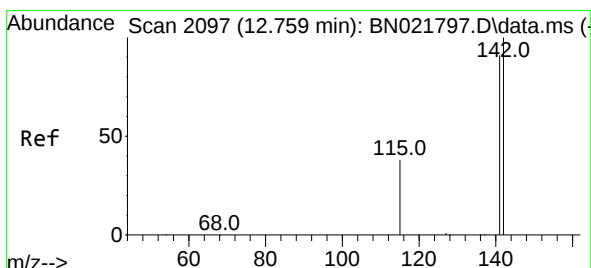
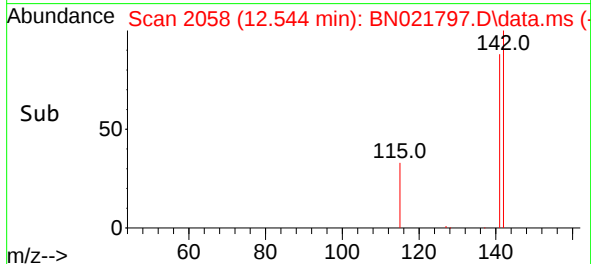
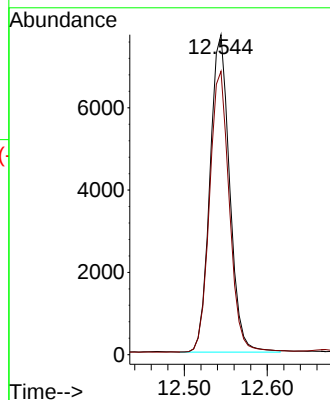
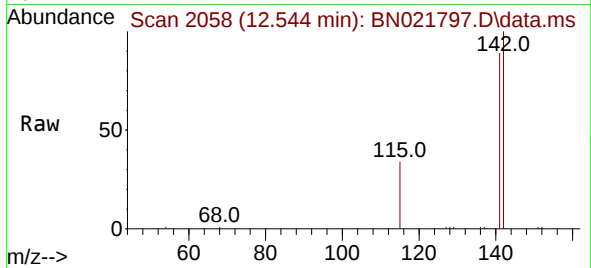




#7
2-Methylnaphthalene
Concen: 0.405 ng/ul
RT: 12.544 min Scan# 2058
Delta R.T. 0.000 min
Lab File: BN021797.D
Acq: 19 Sep 2022 10:34

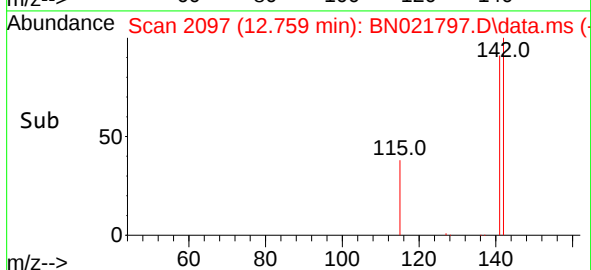
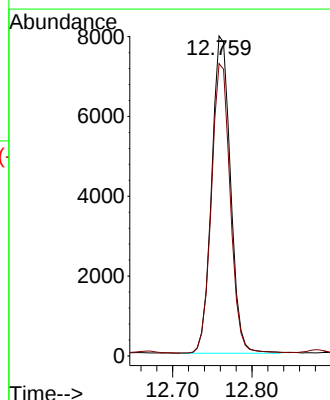
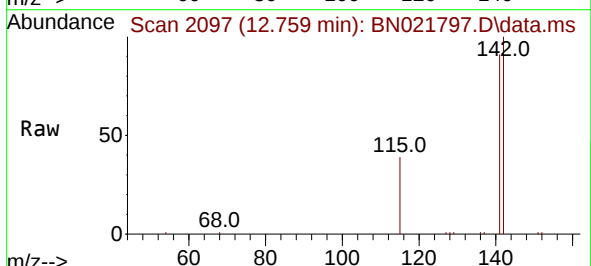
Instrument :
BNA_M
ClientSampleId :

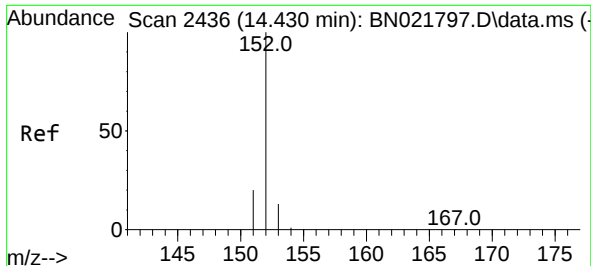
Tgt Ion:142 Resp: 12789
Ion Ratio Lower Upper
142 100
141 88.7 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.405 ng/ul
RT: 12.759 min Scan# 2097
Delta R.T. 0.000 min
Lab File: BN021797.D
Acq: 19 Sep 2022 10:34

Tgt Ion:142 Resp: 13100
Ion Ratio Lower Upper
142 100
141 91.2 73.9 110.9

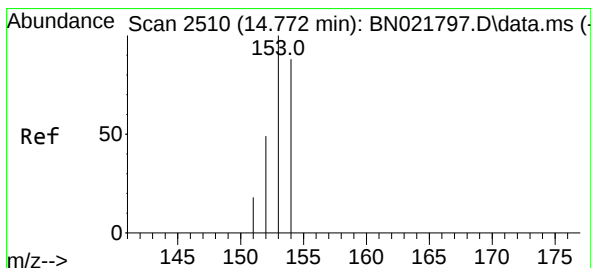
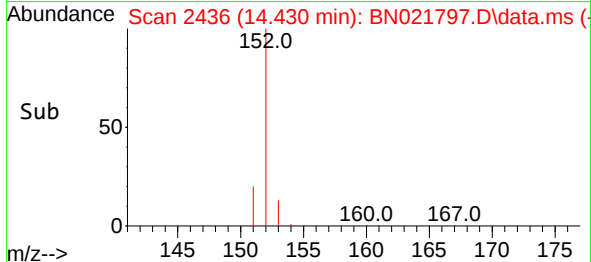
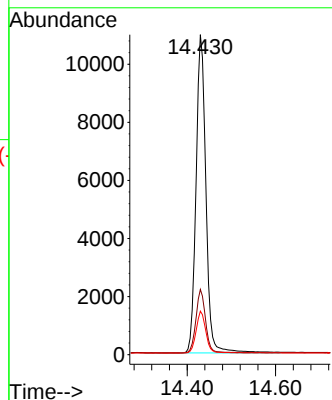
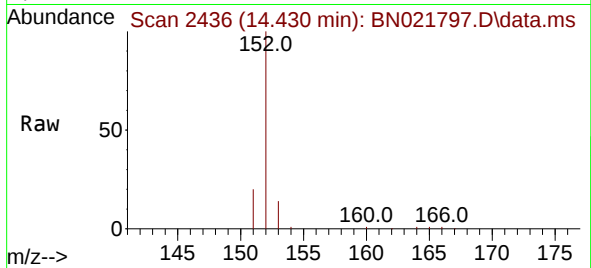




#10
Acenaphthylene
Concen: 0.422 ng/ul
RT: 14.430 min Scan# 2436
Delta R.T. 0.000 min
Lab File: BN021797.D
Acq: 19 Sep 2022 10:34

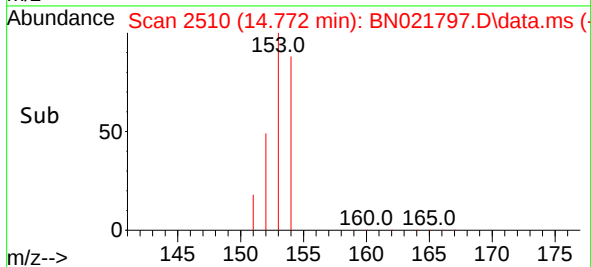
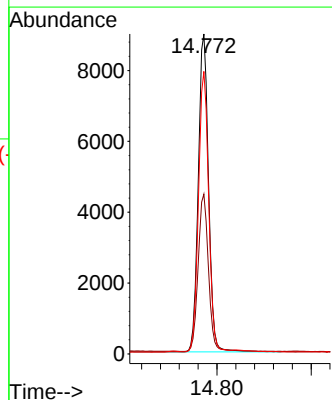
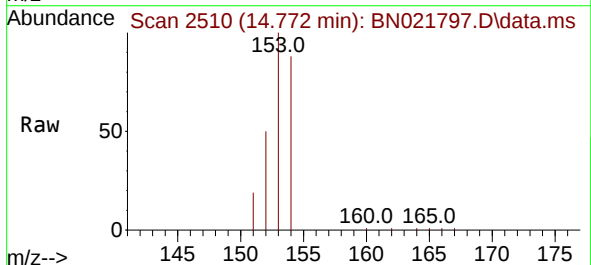
Instrument :
BNA_M
ClientSampleId :

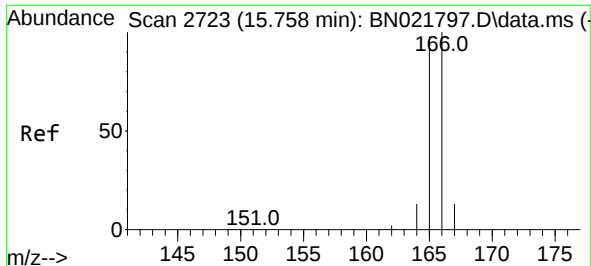
Tgt Ion:152 Resp: 16969
Ion Ratio Lower Upper
152 100
151 20.4 16.9 25.3
153 13.6 11.2 16.8



#11
Acenaphthene
Concen: 0.398 ng/ul
RT: 14.772 min Scan# 2510
Delta R.T. 0.000 min
Lab File: BN021797.D
Acq: 19 Sep 2022 10:34

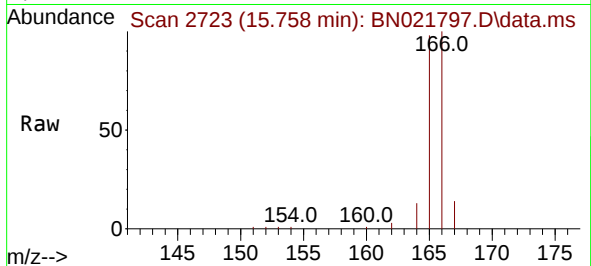
Tgt Ion:153 Resp: 13538
Ion Ratio Lower Upper
153 100
152 50.0 40.2 60.4
154 88.3 70.7 106.1



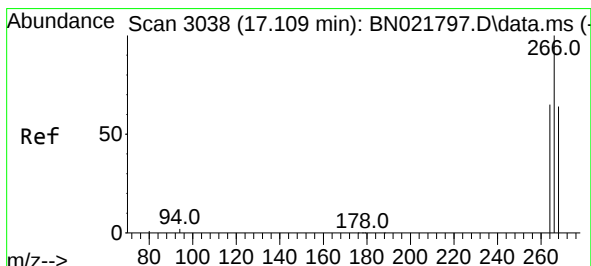
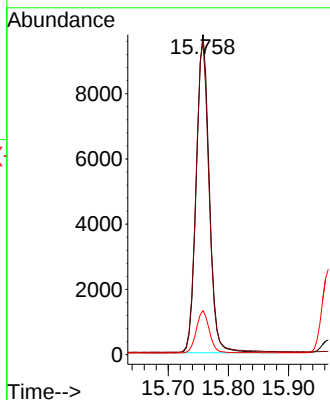
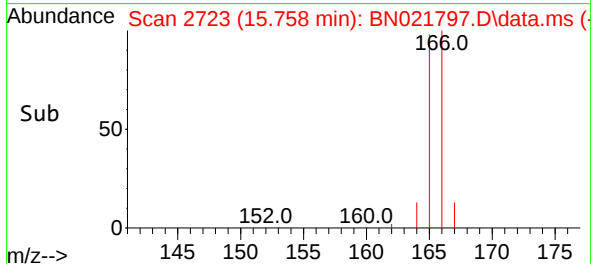


#12
Fluorene
Concen: 0.383 ng/ul
RT: 15.758 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN021797.D
Acq: 19 Sep 2022 10:34

Instrument :
BNA_M
ClientSampleId :

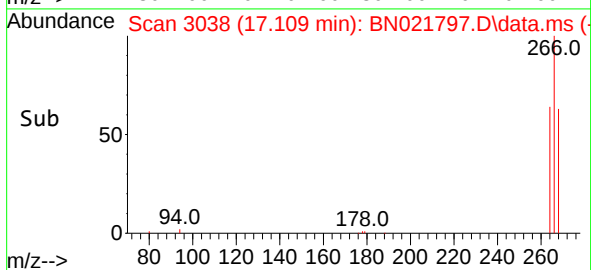
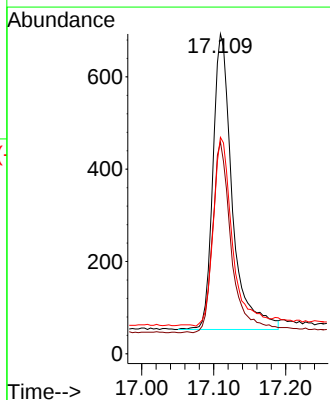
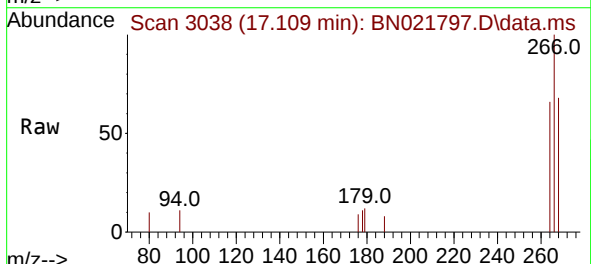


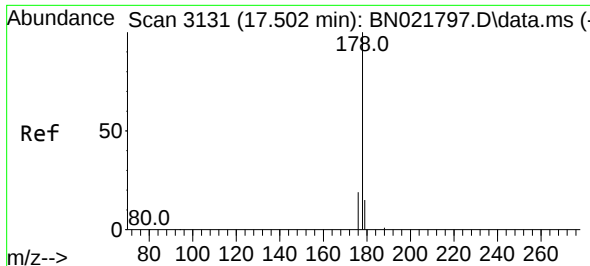
Tgt Ion:166 Resp: 14640
Ion Ratio Lower Upper
166 100
165 97.9 78.6 117.8
167 13.7 11.8 17.6



#14
Pentachlorophenol
Concen: 0.350 ng/ul
RT: 17.109 min Scan# 3038
Delta R.T. 0.000 min
Lab File: BN021797.D
Acq: 19 Sep 2022 10:34

Tgt Ion:266 Resp: 1193
Ion Ratio Lower Upper
266 100
264 62.9 49.8 74.8
268 64.8 50.6 75.8

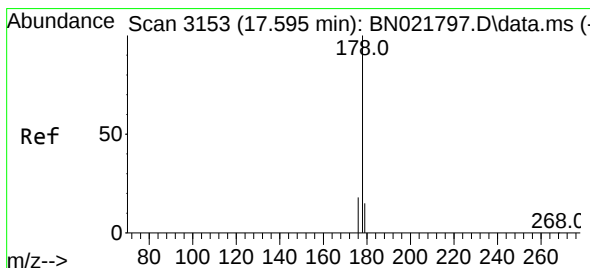
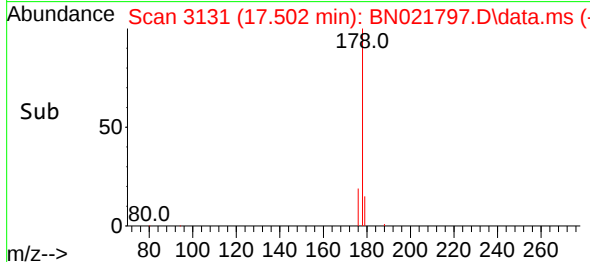
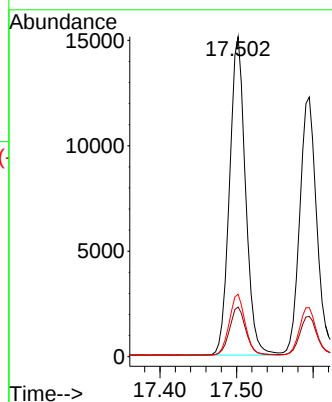
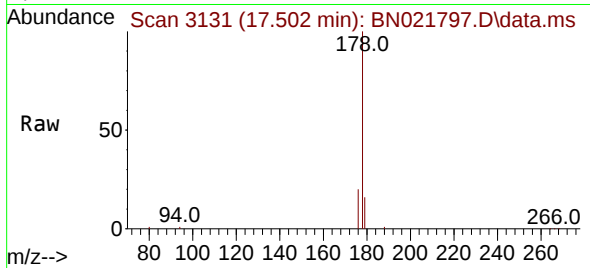




#15
Phenanthrene
Concen: 0.394 ng/u1
RT: 17.502 min Scan# 3131
Delta R.T. 0.000 min
Lab File: BN021797.D
Acq: 19 Sep 2022 10:34

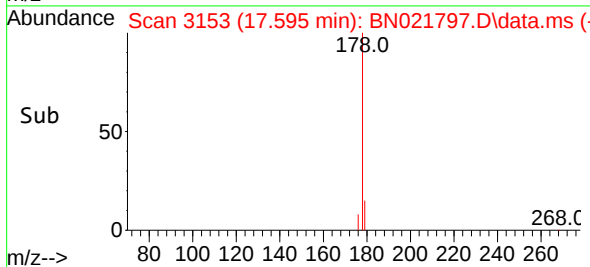
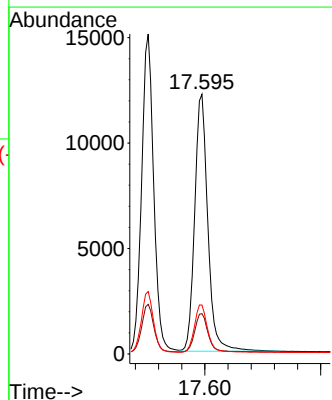
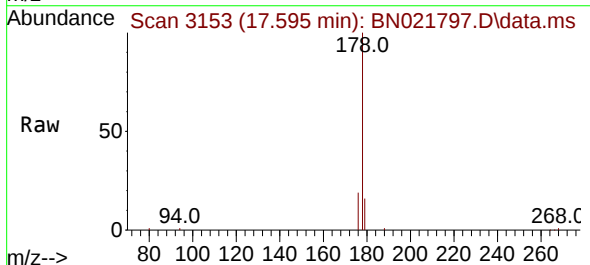
Instrument :
BNA_M
ClientSampleId :

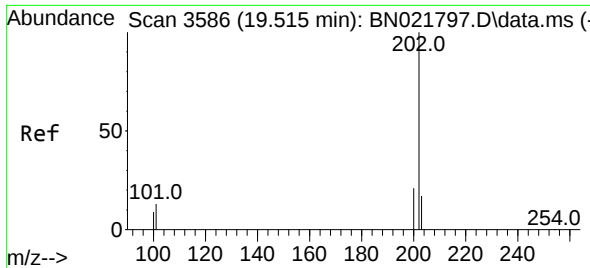
Tgt Ion:178 Resp: 21890
Ion Ratio Lower Upper
178 100
179 15.5 12.8 19.2
176 19.5 15.9 23.9



#16
Anthracene
Concen: 0.416 ng/u1
RT: 17.595 min Scan# 3153
Delta R.T. 0.000 min
Lab File: BN021797.D
Acq: 19 Sep 2022 10:34

Tgt Ion:178 Resp: 19179
Ion Ratio Lower Upper
178 100
179 15.5 12.9 19.3
176 18.9 15.9 23.9

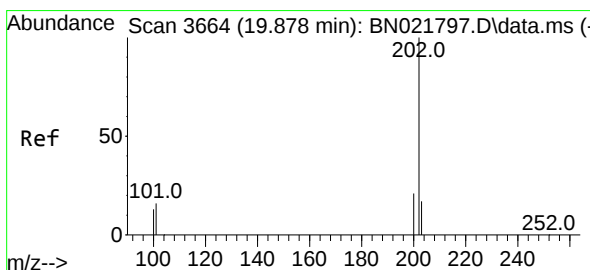
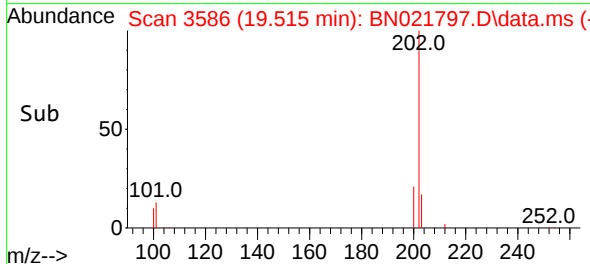
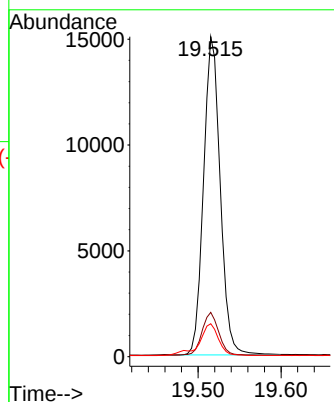
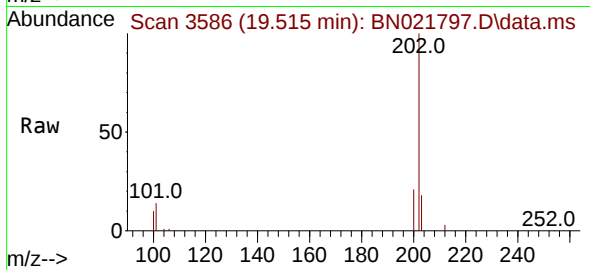




#19
Fluoranthene
Concen: 0.406 ng/u1
RT: 19.515 min Scan# 3586
Delta R.T. 0.000 min
Lab File: BN021797.D
Acq: 19 Sep 2022 10:34

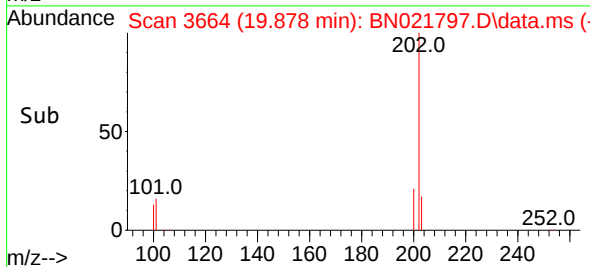
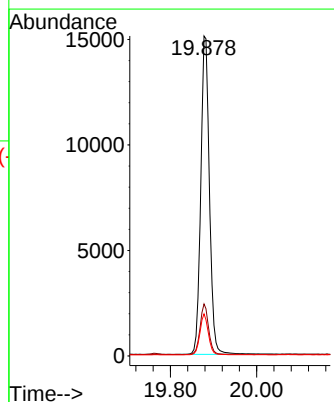
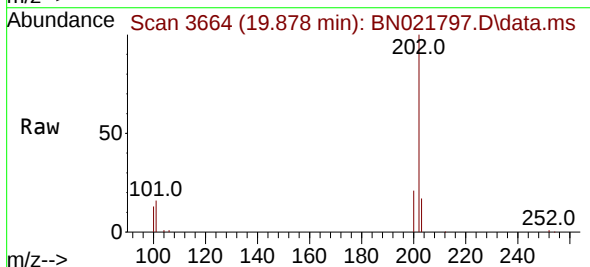
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BNA_M
ClientSampleId :

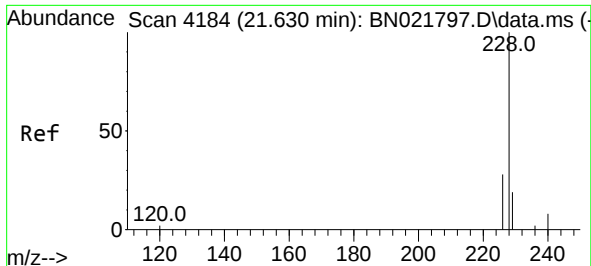
Tgt Ion:202 Resp: 21093
Ion Ratio Lower Upper
202 100
101 13.9 10.0 15.0
100 10.3 8.0 12.0



#20
Pyrene
Concen: 0.412 ng/u1
RT: 19.878 min Scan# 3664
Delta R.T. 0.000 min
Lab File: BN021797.D
Acq: 19 Sep 2022 10:34

Tgt Ion:202 Resp: 21096
Ion Ratio Lower Upper
202 100
101 16.3 11.3 16.9
100 13.1 9.0 13.4

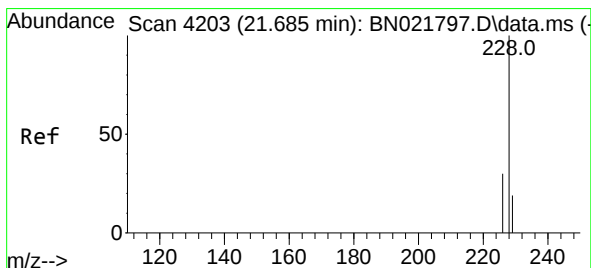
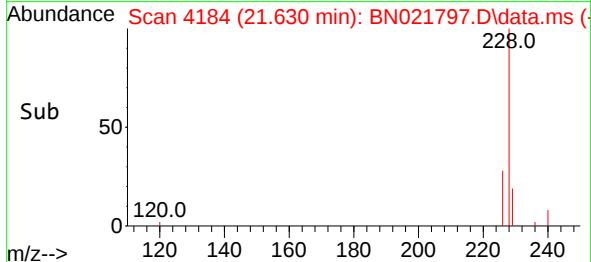
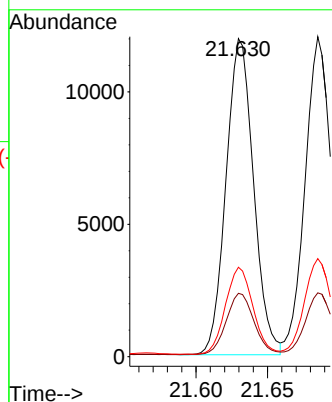
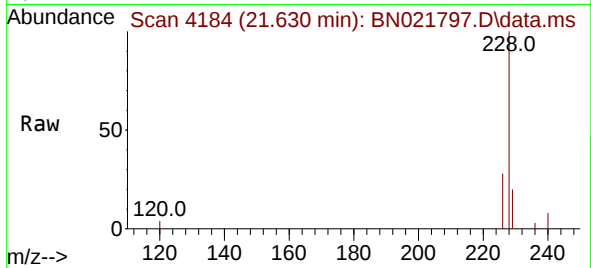




#21
Benzo(a)anthracene
Concen: 0.429 ng/ul
RT: 21.630 min Scan# 4184
Delta R.T. 0.000 min
Lab File: BN021797.D
Acq: 19 Sep 2022 10:34

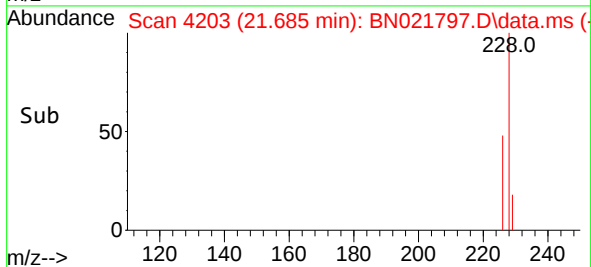
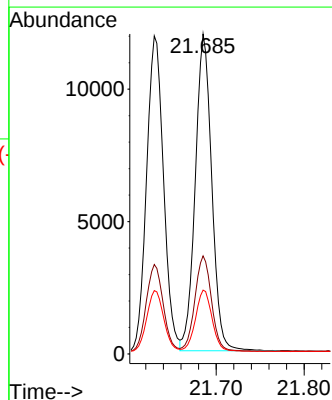
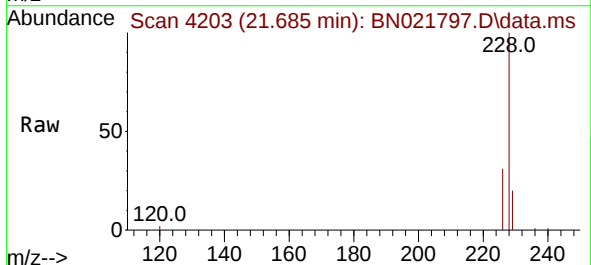
Instrument :
BNA_M
ClientSampleId :

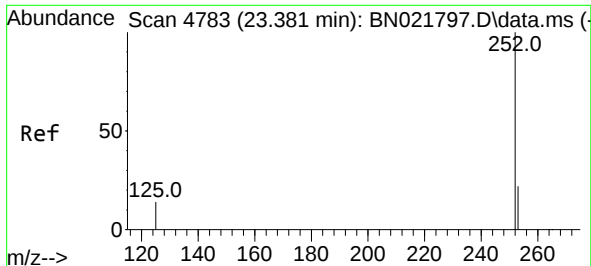
Tgt Ion:228 Resp: 15994
Ion Ratio Lower Upper
228 100
229 19.9 16.0 24.0
226 28.1 21.9 32.9



#22
Chrysene
Concen: 0.384 ng/ul
RT: 21.685 min Scan# 4203
Delta R.T. 0.000 min
Lab File: BN021797.D
Acq: 19 Sep 2022 10:34

Tgt Ion:228 Resp: 15608
Ion Ratio Lower Upper
228 100
226 30.6 24.6 37.0
229 19.9 15.8 23.8

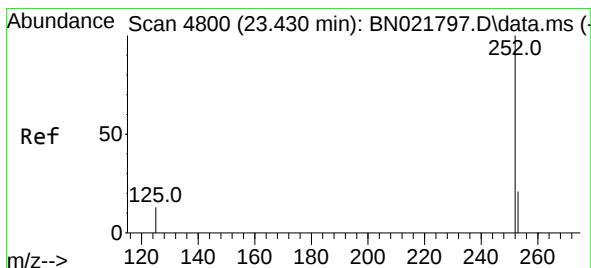
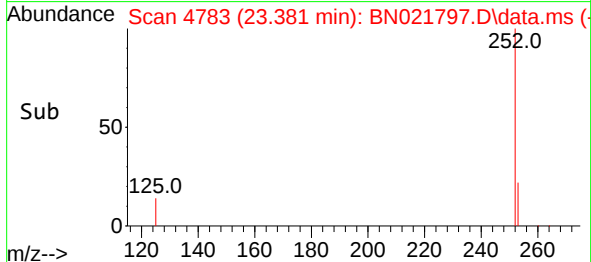
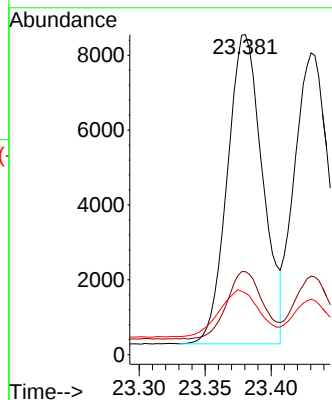
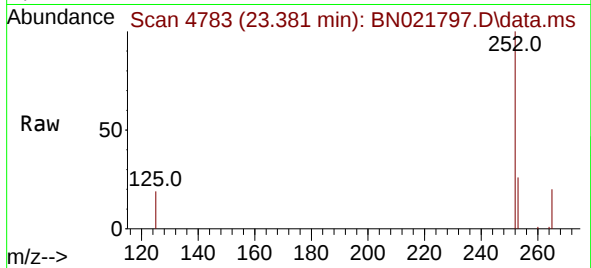




#24
Benzo(b)fluoranthene
Concen: 0.331 ng/ul
RT: 23.381 min Scan# 4783
Delta R.T. 0.000 min
Lab File: BN021797.D
Acq: 19 Sep 2022 10:34

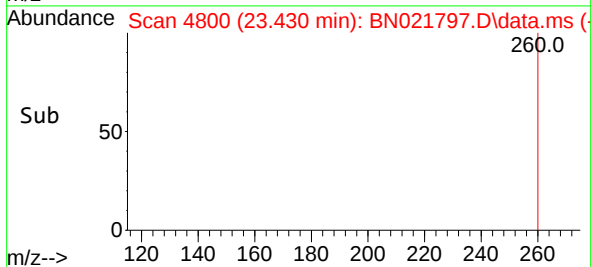
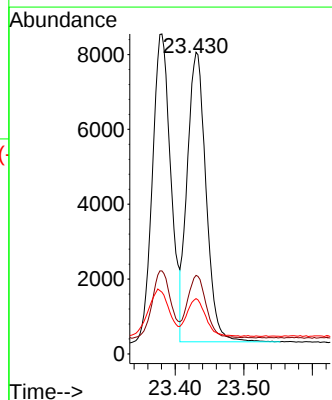
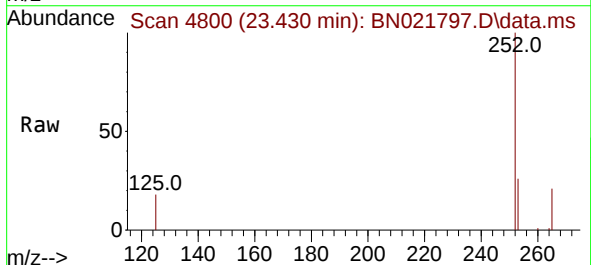
Instrument :
BNA_M
ClientSampleId :

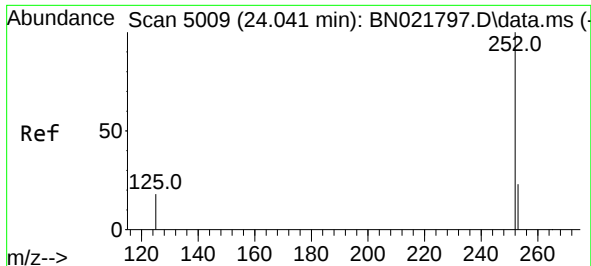
Tgt Ion:252 Resp: 15413
Ion Ratio Lower Upper
252 100
253 25.9 0.0 50.8
125 19.3 0.0 30.0



#25
Benzo(k)fluoranthene
Concen: 0.326 ng/ul
RT: 23.430 min Scan# 4800
Delta R.T. 0.000 min
Lab File: BN021797.D
Acq: 19 Sep 2022 10:34

Tgt Ion:252 Resp: 14694
Ion Ratio Lower Upper
252 100
253 26.0 20.6 31.0
125 18.4 11.8 17.6#

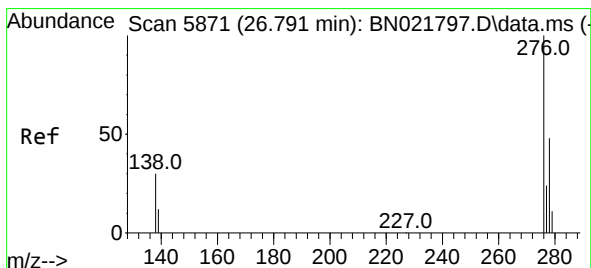
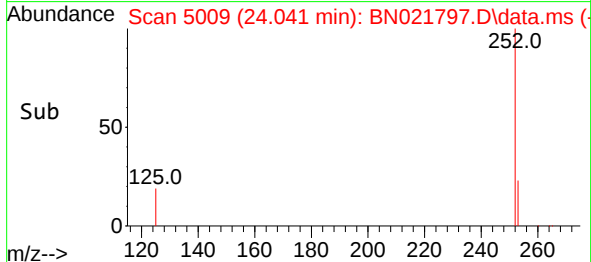
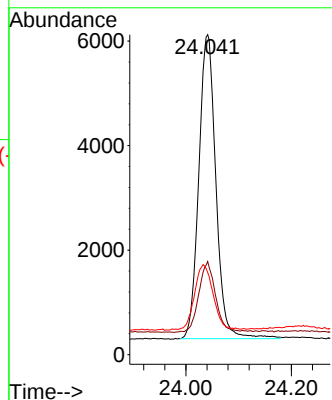
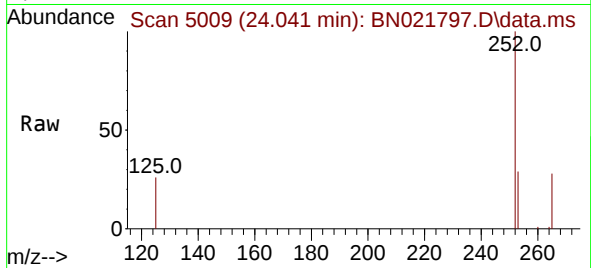




#26
Benzo(a)pyrene
Concen: 0.372 ng/ul
RT: 24.041 min Scan# 5009
Delta R.T. 0.000 min
Lab File: BN021797.D
Acq: 19 Sep 2022 10:34

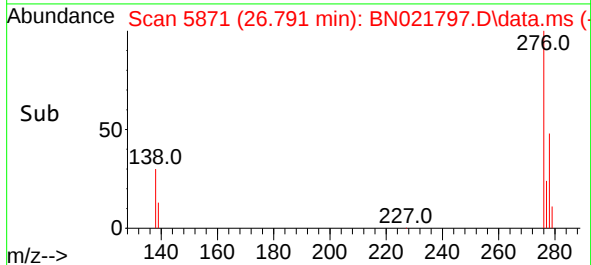
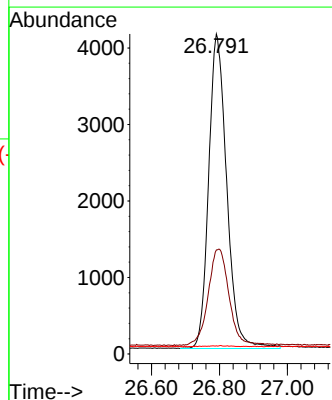
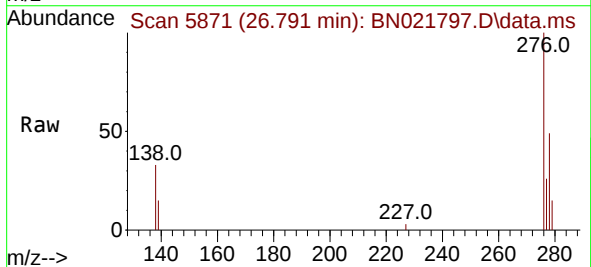
Instrument :
BNA_M
ClientSampleId :

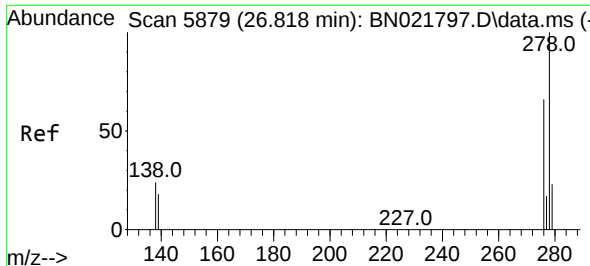
Tgt Ion:252 Resp: 13102
Ion Ratio Lower Upper
252 100
253 29.1 22.1 33.1
125 25.6 14.7 22.1#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.383 ng/ul
RT: 26.791 min Scan# 5871
Delta R.T. 0.000 min
Lab File: BN021797.D
Acq: 19 Sep 2022 10:34

Tgt Ion:276 Resp: 15198
Ion Ratio Lower Upper
276 100
138 35.1 26.1 39.1
227 0.0 0.1 0.1#

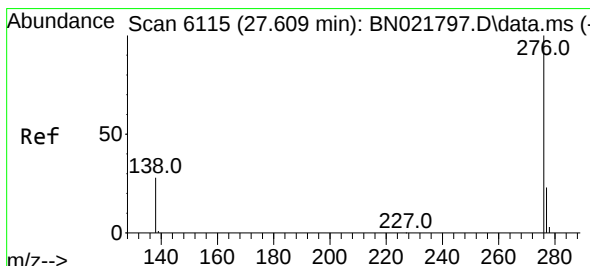
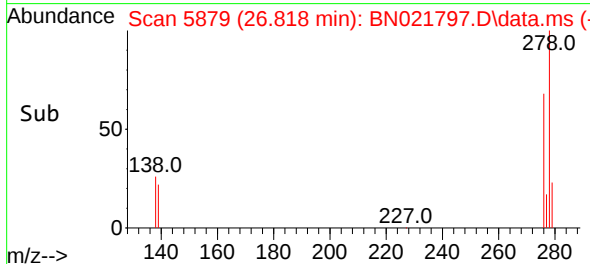
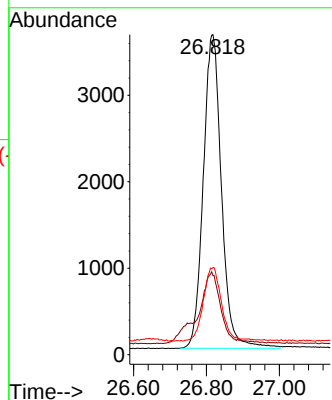
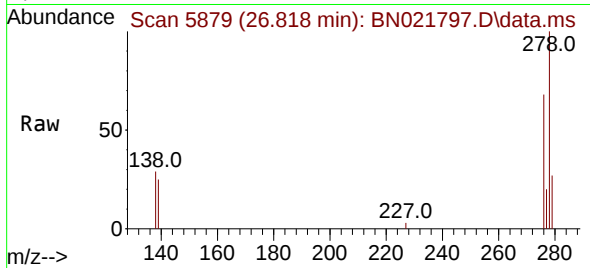




#28
 Dibenzo(a,h)anthracene
 Concen: 0.374 ng/ul
 RT: 26.818 min Scan# 5879
 Delta R.T. 0.000 min
 Lab File: BN021797.D
 Acq: 19 Sep 2022 10:34

Instrument :
 BNA_M
 ClientSampleId :

Tgt Ion:278 Resp: 12567
 Ion Ratio Lower Upper
 278 100
 139 24.7 18.3 27.5
 279 27.2 23.9 35.9



#29
 Benzo(g,h,i)perylene
 Concen: 0.372 ng/ul
 RT: 27.609 min Scan# 6115
 Delta R.T. 0.000 min
 Lab File: BN021797.D
 Acq: 19 Sep 2022 10:34

Tgt Ion:276 Resp: 13589
 Ion Ratio Lower Upper
 276 100
 138 30.3 22.6 34.0
 277 25.1 20.2 30.2

