

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102122\
 Data File : BN022260.D
 Acq On : 21 Oct 2022 18:47
 Operator : CG/JU
 Sample : N5064-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BP4

Quant Time: Oct 21 22:41:22 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 19 23:32:34 2022
 Response via : Initial Calibration

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

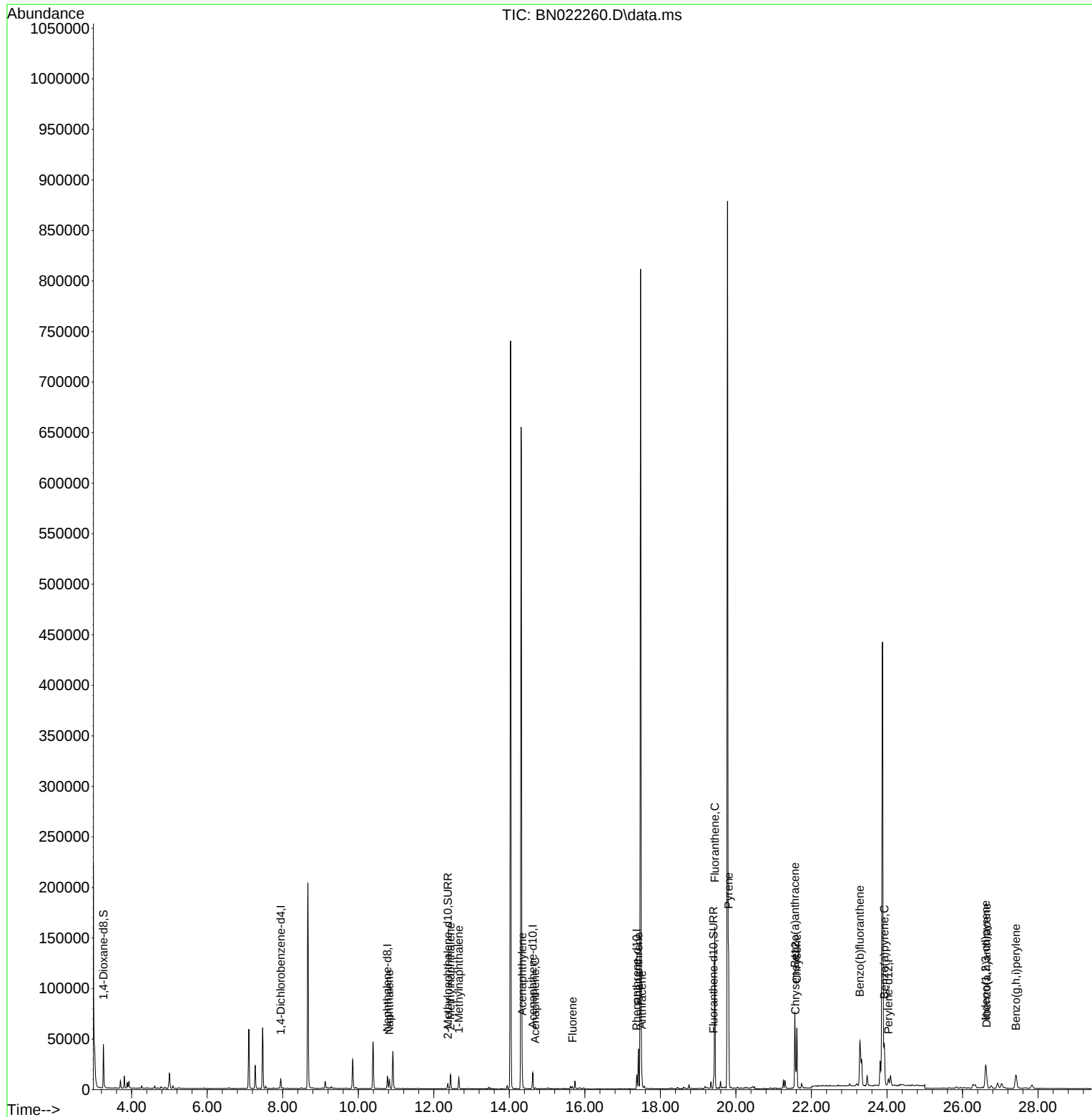
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.949	152	4788	0.400	ng/ul	0.00
4) Naphthalene-d8	10.772	136	15822	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.623	164	8407	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.374	188	15261	0.400	ng/ul	0.00
17) Chrysene-d12	21.576	240	9968	0.400	ng/ul	0.00
23) Perylene-d12	24.037	264	9015	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.253	96	26256	4.219	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.373	152	6480	0.271	ng/ul	0.00
18) Fluoranthene-d10	19.407	212	10708	0.320	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.822	128	12317	0.264	ng/ul	99
7) 2-Methylnaphthalene	12.444	142	9645	0.328	ng/ul	100
8) 1-Methylnaphthalene	12.664	142	7633	0.252	ng/ul	100
10) Acenaphthylene	14.341	152	13971	0.370	ng/ul	98
11) Acenaphthene	14.683	153	743	0.023	ng/ul	95
12) Fluorene	15.673	166	1179	0.032	ng/ul#	91
15) Phenanthrene	17.421	178	41104	0.802	ng/ul	100
16) Anthracene	17.509	178	9937	0.230	ng/ul	98
19) Fluoranthene	19.440	202	128040	2.804	ng/ul	100
20) Pyrene	19.807	202	101854	2.221	ng/ul	99
21) Benzo(a)anthracene	21.561	228	63606	1.703	ng/ul	96
22) Chrysene	21.614	228	58193	1.470	ng/ul	98
24) Benzo(b)fluoranthene	23.283	252	109945	2.429	ng/ul	98
26) Benzo(a)pyrene	23.929	252	55242	1.531	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.615	276	38981	0.869	ng/ul	92
28) Dibenzo(a,h)anthracene	26.635	278	9827	0.274	ng/ul#	89
29) Benzo(g,h,i)perylene	27.417	276	29819	0.816	ng/ul	100

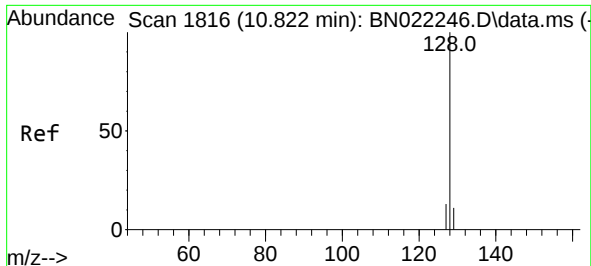
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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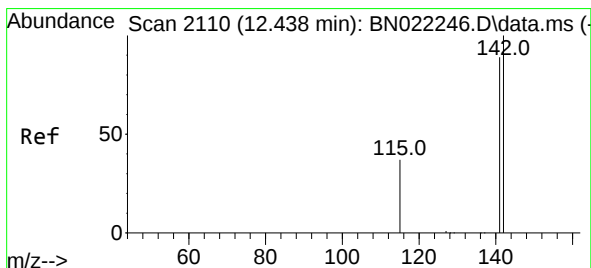
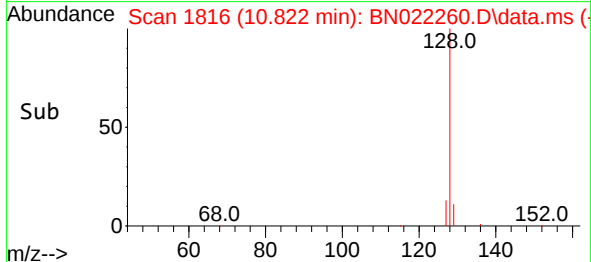
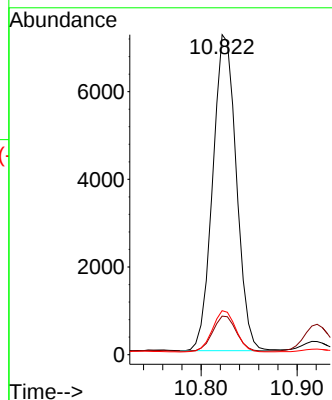
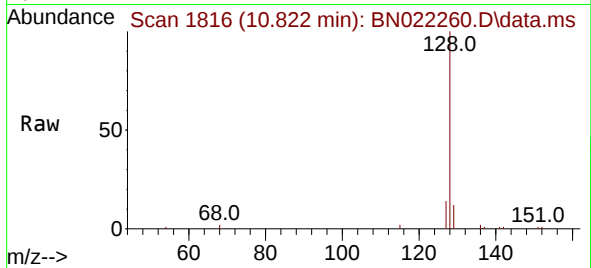




#5
Naphthalene
Concen: 0.264 ng/ul
RT: 10.822 min Scan# 1816
Delta R.T. -0.010 min
Lab File: BN022260.D
Acq: 21 Oct 2022 18:47

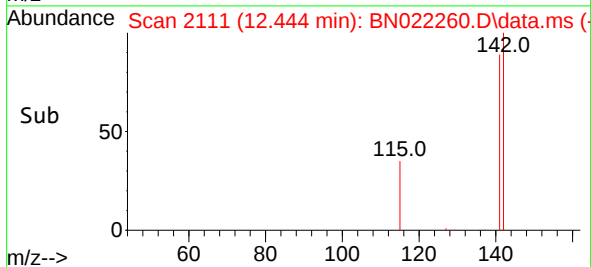
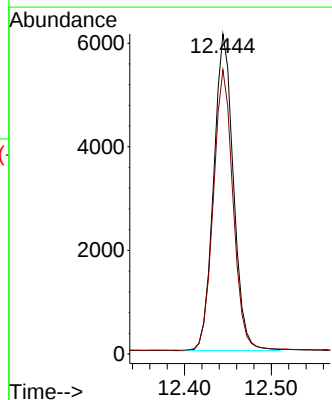
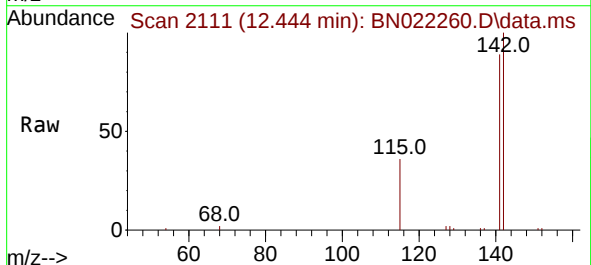
Instrument :
BNA_N
ClientSampleId :
C0BP4

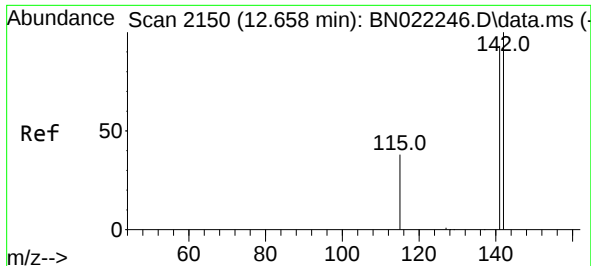
Tgt Ion:128 Resp: 12317
Ion Ratio Lower Upper
128 100
129 12.0 9.3 13.9
127 13.8 10.7 16.1



#7
2-Methylnaphthalene
Concen: 0.328 ng/ul
RT: 12.444 min Scan# 2111
Delta R.T. -0.004 min
Lab File: BN022260.D
Acq: 21 Oct 2022 18:47

Tgt Ion:142 Resp: 9645
Ion Ratio Lower Upper
142 100
141 88.4 71.1 106.7

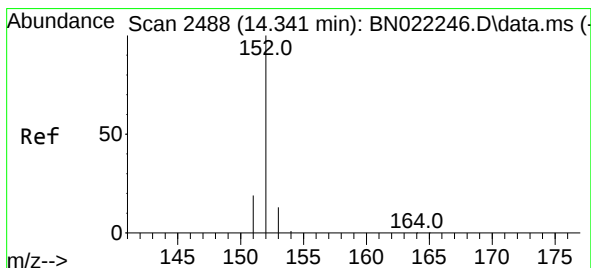
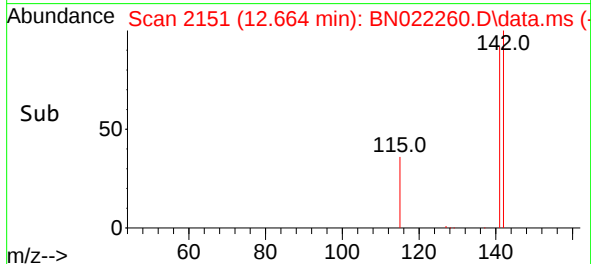
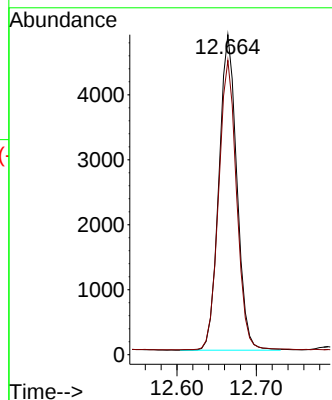
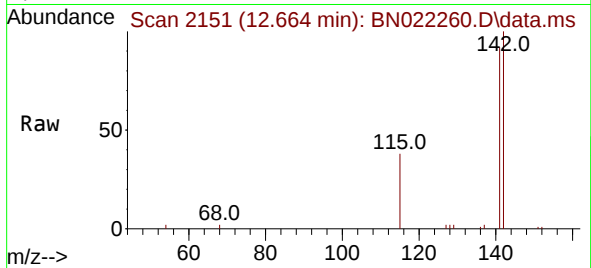




#8
1-Methylnaphthalene
Concen: 0.252 ng/ul
RT: 12.664 min Scan# 2151
Delta R.T. -0.004 min
Lab File: BN022260.D
Acq: 21 Oct 2022 18:47

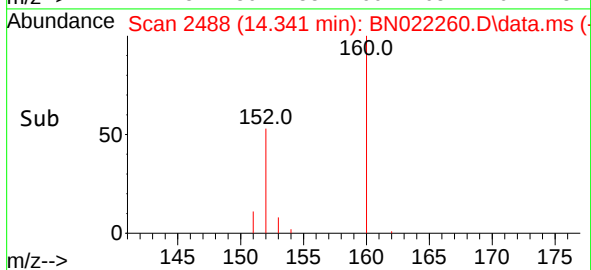
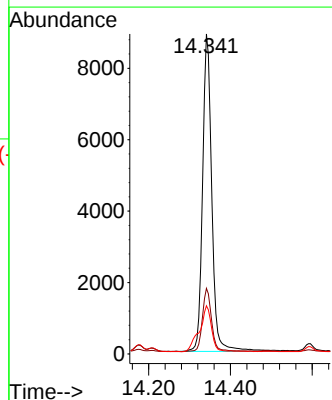
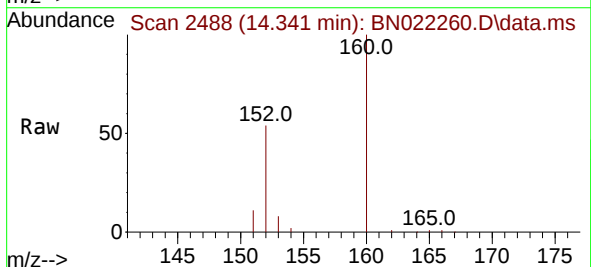
Instrument :
BNA_N
ClientSampleId :
C0BP4

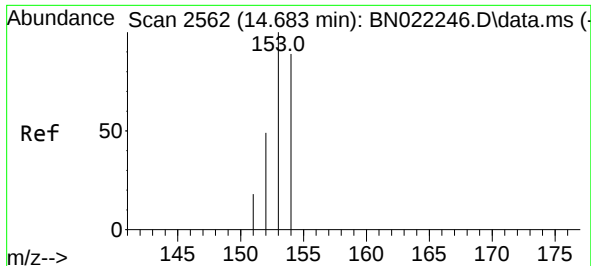
Tgt Ion:142 Resp: 7633
Ion Ratio Lower Upper
142 100
141 91.5 73.3 109.9



#10
Acenaphthylene
Concen: 0.370 ng/ul
RT: 14.341 min Scan# 2488
Delta R.T. -0.008 min
Lab File: BN022260.D
Acq: 21 Oct 2022 18:47

Tgt Ion:152 Resp: 13971
Ion Ratio Lower Upper
152 100
151 20.5 15.9 23.9
153 15.0 10.8 16.2

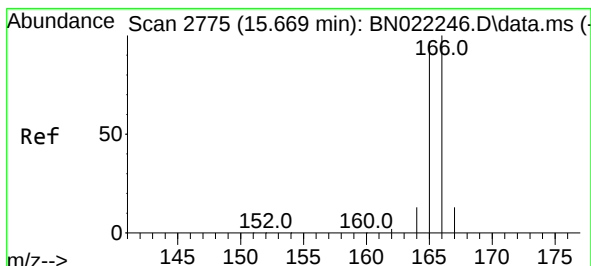
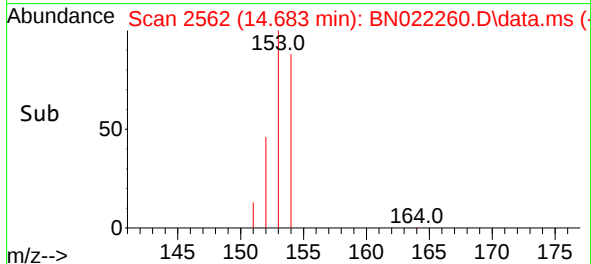
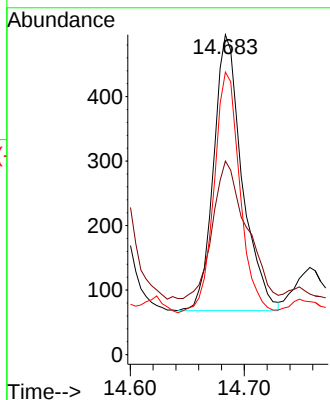
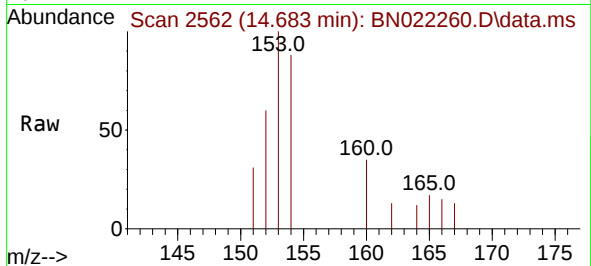




#11
Acenaphthene
Concen: 0.023 ng/ul
RT: 14.683 min Scan# 2562
Delta R.T. -0.003 min
Lab File: BN022260.D
Acq: 21 Oct 2022 18:47

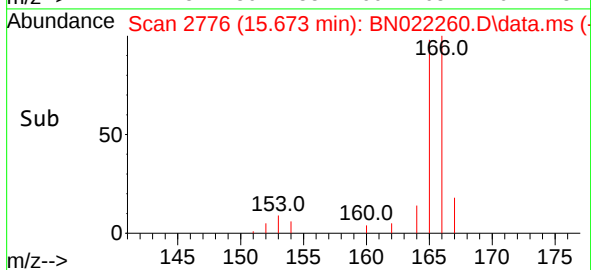
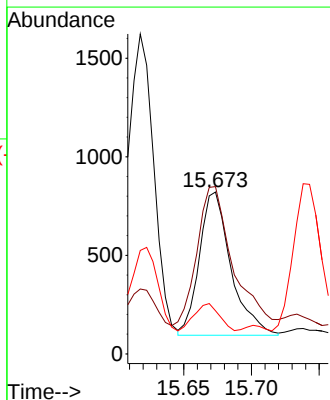
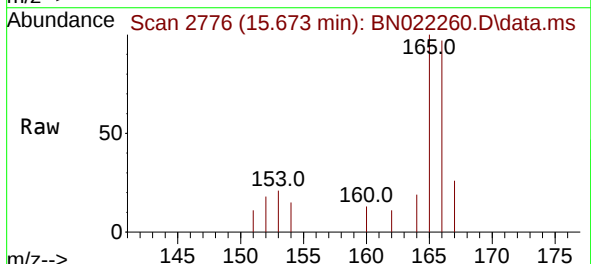
Instrument :
BNA_N
ClientSampleId :
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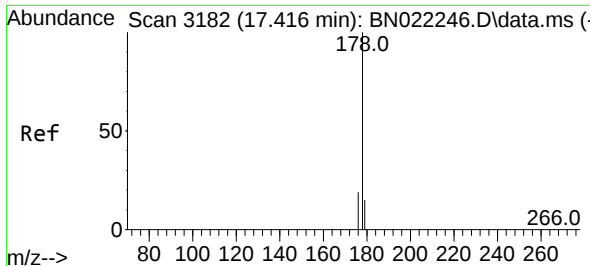
Tgt Ion:153 Resp: 743
Ion Ratio Lower Upper
153 100
152 60.5 40.6 61.0
154 88.3 70.6 106.0



#12
Fluorene
Concen: 0.032 ng/ul
RT: 15.673 min Scan# 2776
Delta R.T. -0.003 min
Lab File: BN022260.D
Acq: 21 Oct 2022 18:47

Tgt Ion:166 Resp: 1179
Ion Ratio Lower Upper
166 100
165 103.4 78.2 117.2
167 26.7 11.0 16.4#

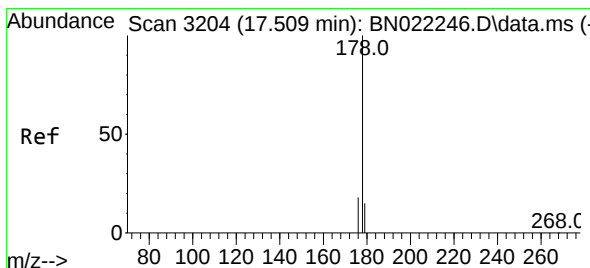
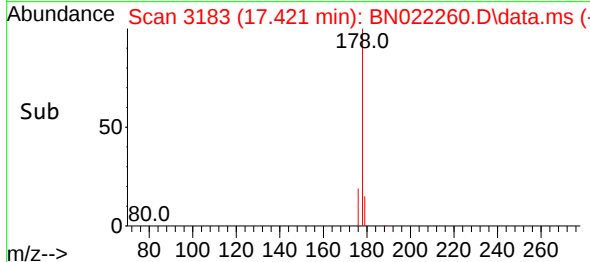
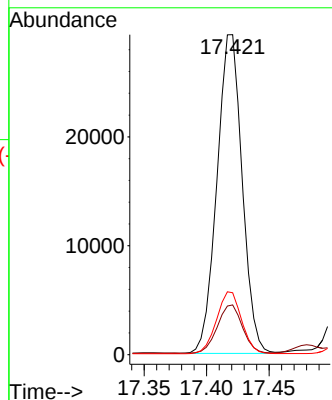
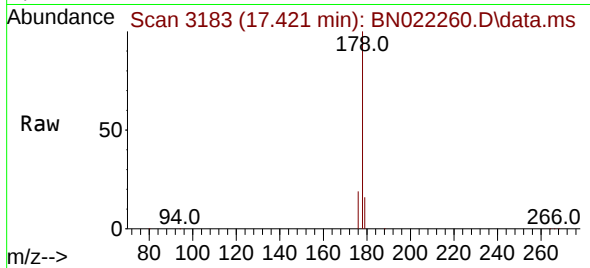




#15
Phenanthrene
Concen: 0.802 ng/ul
RT: 17.421 min Scan# 3183
Delta R.T. -0.003 min
Lab File: BN022260.D
Acq: 21 Oct 2022 18:47

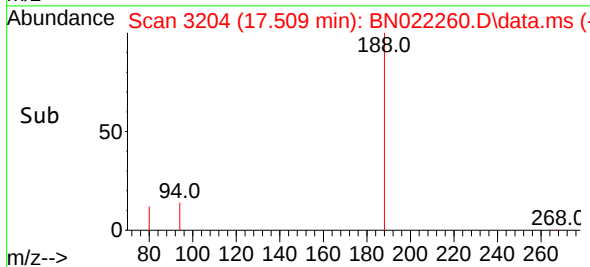
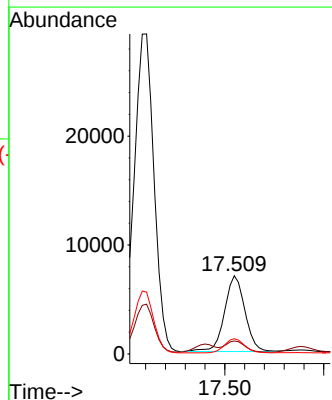
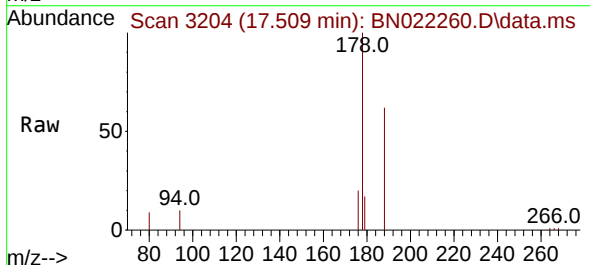
Instrument :
BNA_N
ClientSampleId :
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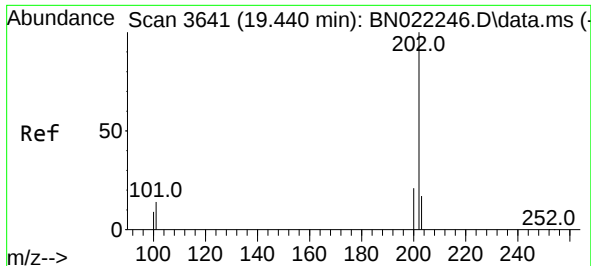
Tgt Ion:178 Resp: 41104
Ion Ratio Lower Upper
178 100
179 15.6 12.7 19.1
176 19.4 15.4 23.2



#16
Anthracene
Concen: 0.230 ng/ul
RT: 17.509 min Scan# 3204
Delta R.T. -0.007 min
Lab File: BN022260.D
Acq: 21 Oct 2022 18:47

Tgt Ion:178 Resp: 9937
Ion Ratio Lower Upper
178 100
179 16.7 12.6 18.8
176 19.5 15.0 22.6

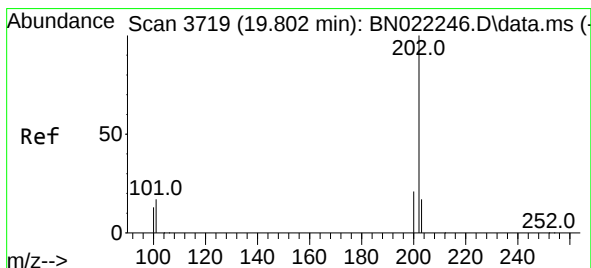
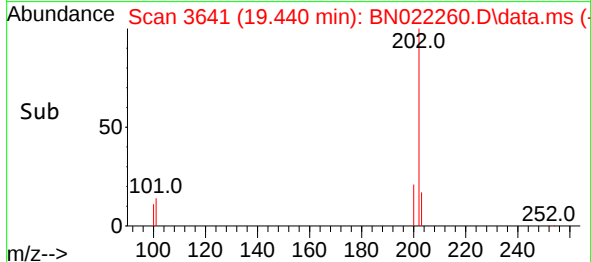
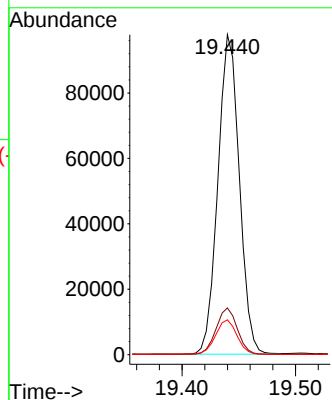
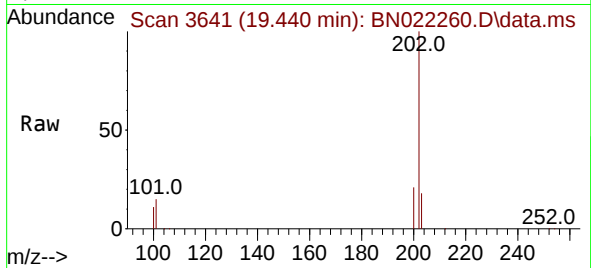




#19
Fluoranthene
Concen: 2.804 ng/u1
RT: 19.440 min Scan# 3641
Delta R.T. -0.003 min
Lab File: BN022260.D
Acq: 21 Oct 2022 18:47

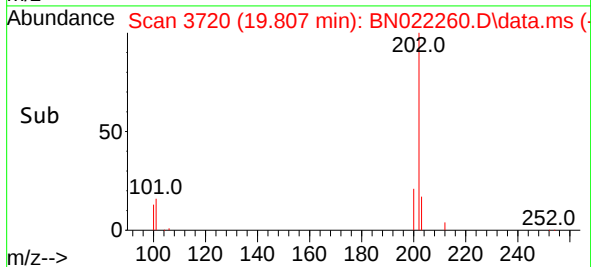
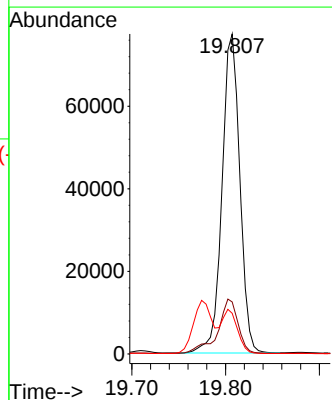
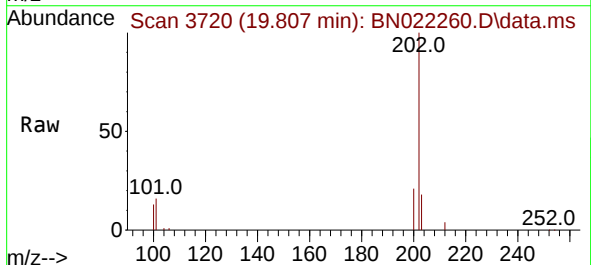
Instrument :
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ClientSampleId :
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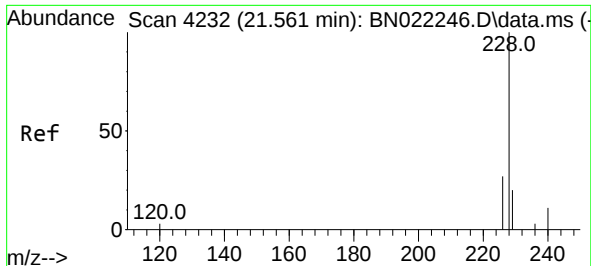
Tgt Ion:202 Resp: 128040
Ion Ratio Lower Upper
202 100
101 14.6 11.8 17.6
100 10.9 8.7 13.1



#20
Pyrene
Concen: 2.221 ng/u1
RT: 19.807 min Scan# 3720
Delta R.T. -0.003 min
Lab File: BN022260.D
Acq: 21 Oct 2022 18:47

Tgt Ion:202 Resp: 101854
Ion Ratio Lower Upper
202 100
101 16.2 13.1 19.7
100 12.7 10.6 16.0

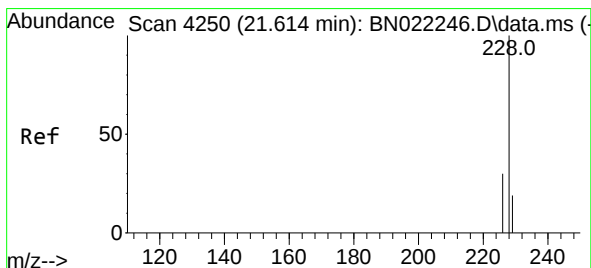
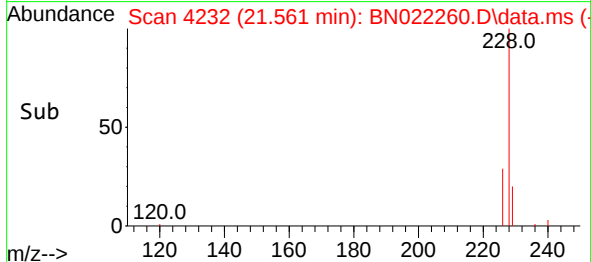
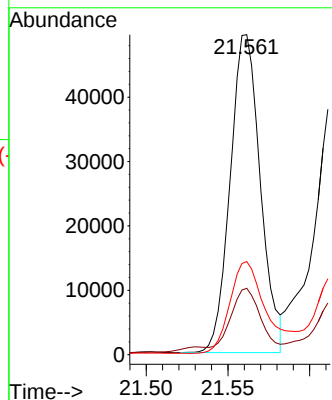
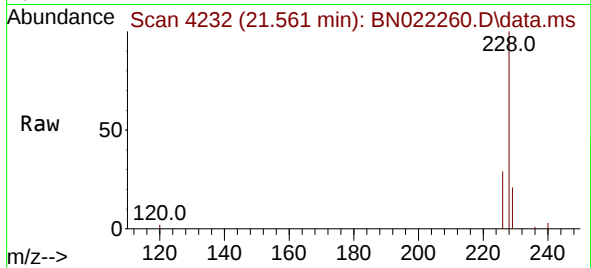




#21
Benzo(a)anthracene
Concen: 1.703 ng/ul
RT: 21.561 min Scan# 4232
Delta R.T. -0.006 min
Lab File: BN022260.D
Acq: 21 Oct 2022 18:47

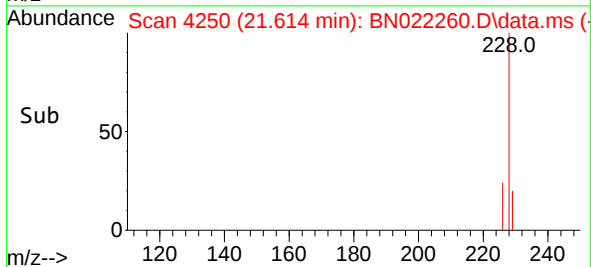
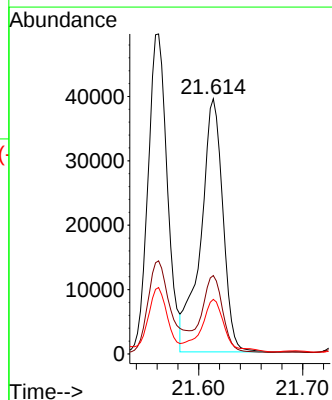
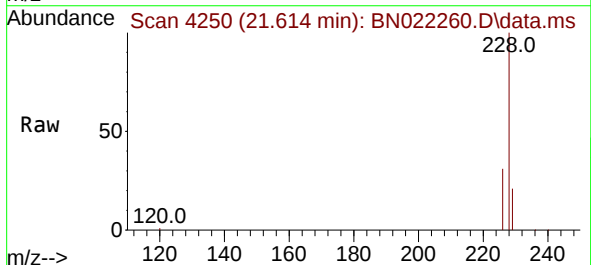
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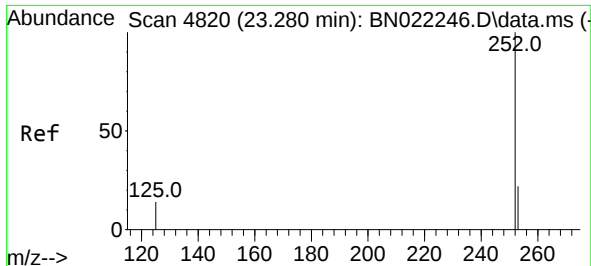
Tgt Ion:228 Resp: 63606
Ion Ratio Lower Upper
228 100
229 20.7 15.7 23.5
226 29.1 21.5 32.3



#22
Chrysene
Concen: 1.470 ng/ul
RT: 21.614 min Scan# 4250
Delta R.T. -0.006 min
Lab File: BN022260.D
Acq: 21 Oct 2022 18:47

Tgt Ion:228 Resp: 58193
Ion Ratio Lower Upper
228 100
226 30.7 23.9 35.9
229 21.4 15.9 23.9

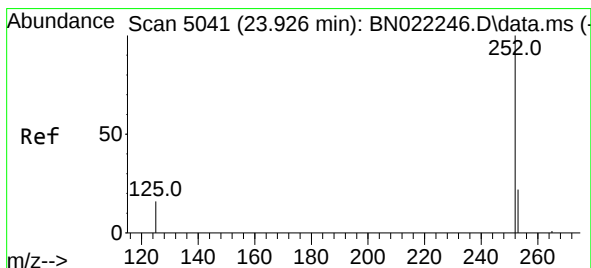
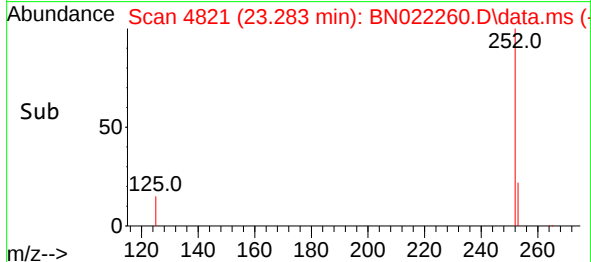
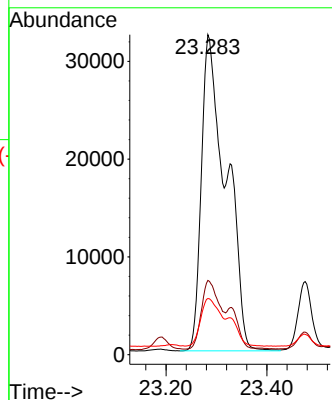
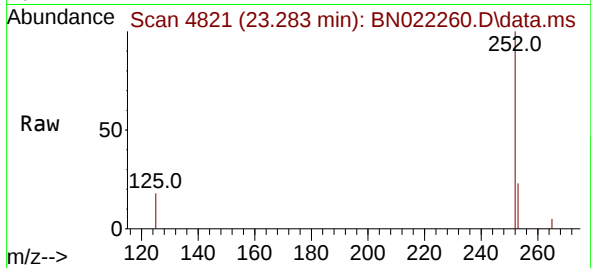




#24
Benzo(b)fluoranthene
Concen: 2.429 ng/ul
RT: 23.283 min Scan# 4821
Delta R.T. -0.006 min
Lab File: BN022260.D
Acq: 21 Oct 2022 18:47

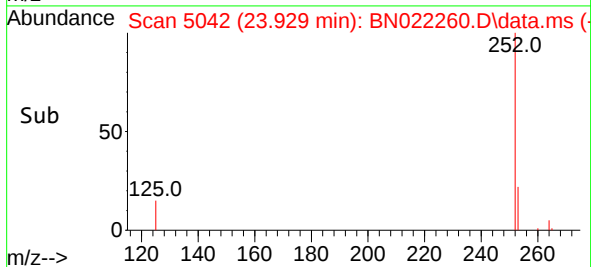
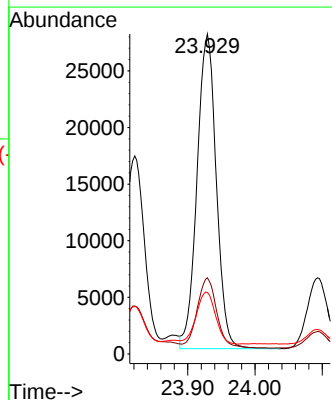
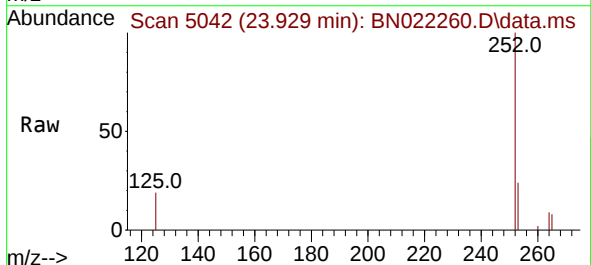
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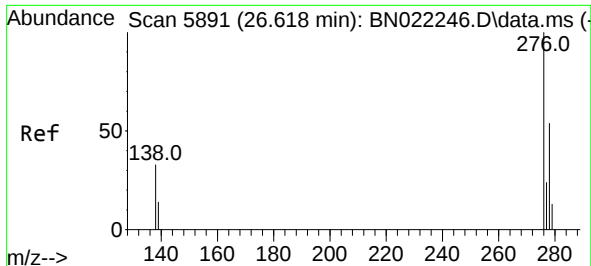
Tgt Ion:252 Resp: 109945
Ion Ratio Lower Upper
252 100
253 23.2 0.0 49.0
125 17.6 0.0 35.2



#26
Benzo(a)pyrene
Concen: 1.531 ng/ul
RT: 23.929 min Scan# 5042
Delta R.T. -0.006 min
Lab File: BN022260.D
Acq: 21 Oct 2022 18:47

Tgt Ion:252 Resp: 55242
Ion Ratio Lower Upper
252 100
253 23.8 21.0 31.6
125 19.2 17.9 26.9

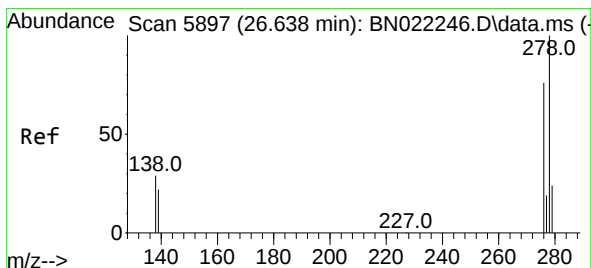
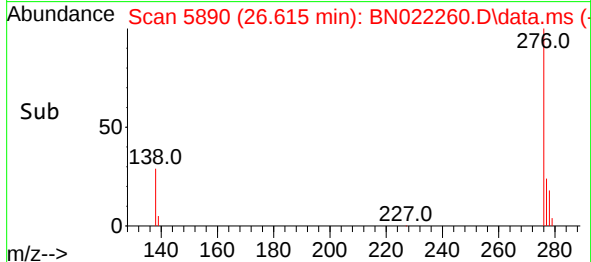
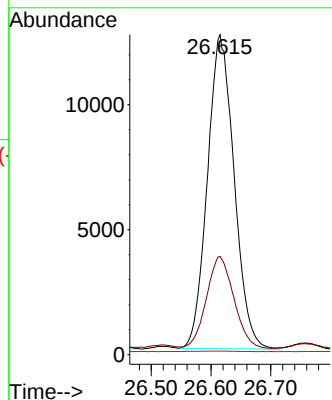
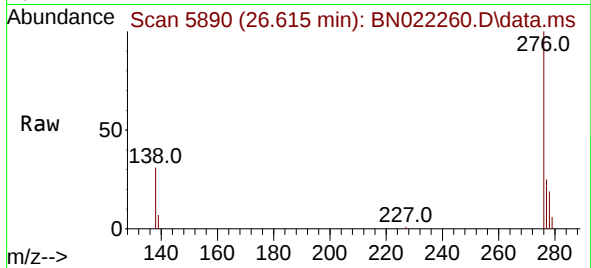




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.869 ng/ul
 RT: 26.615 min Scan# 5891
 Delta R.T. -0.021 min
 Lab File: BN022260.D
 Acq: 21 Oct 2022 18:47

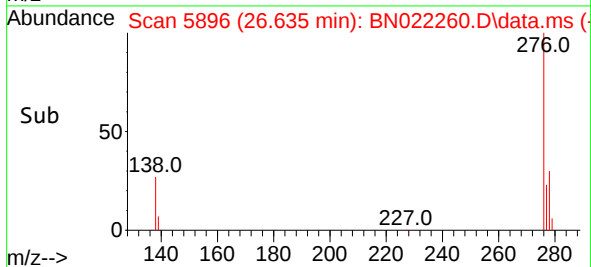
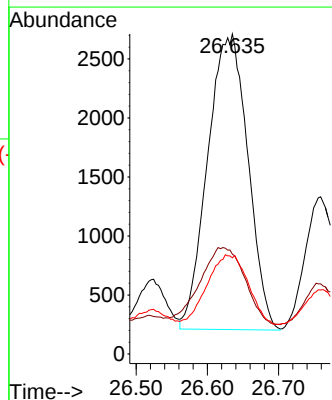
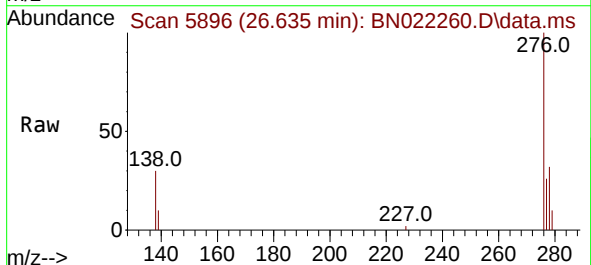
Instrument :
 BNA_N
 ClientSampleId :
 C0BP4

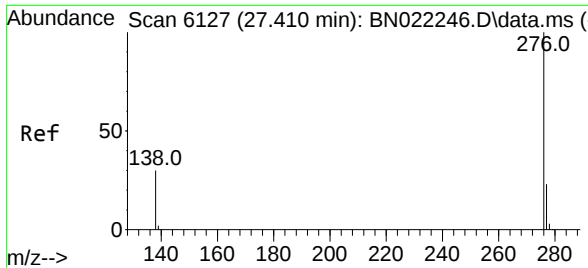
Tgt Ion:276 Resp: 38981
 Ion Ratio Lower Upper
 276 100
 138 30.2 27.7 41.5
 227 0.2 0.2 0.2



#28
 Dibenzo(a,h)anthracene
 Concen: 0.274 ng/ul
 RT: 26.635 min Scan# 5896
 Delta R.T. -0.021 min
 Lab File: BN022260.D
 Acq: 21 Oct 2022 18:47

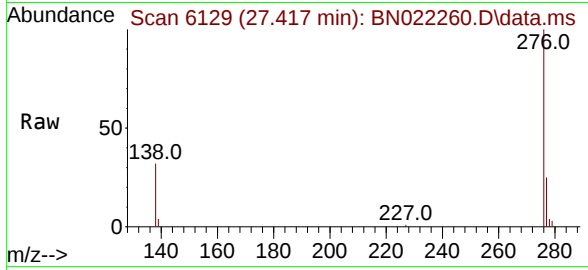
Tgt Ion:278 Resp: 9827
 Ion Ratio Lower Upper
 278 100
 139 31.2 19.6 29.4#
 279 30.1 20.6 30.8





#29
 Benzo(g,h,i)perylene
 Concen: 0.816 ng/ul
 RT: 27.417 min Scan# 61
 Delta R.T. -0.014 min
 Lab File: BN022260.D
 Acq: 21 Oct 2022 18:47

Instrument :
 BNA_N
 ClientSampleId :
 C0BP4



Tgt Ion:	276	Resp:	29819
Ion	Ratio	Lower	Upper
276	100		
138	31.6	25.2	37.8
277	24.6	19.9	29.9

