

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102122\
 Data File : BN022263.D
 Acq On : 21 Oct 2022 20:40
 Operator : CG/JU
 Sample : N5064-18
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BN7

Quant Time: Oct 21 22:42:16 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)

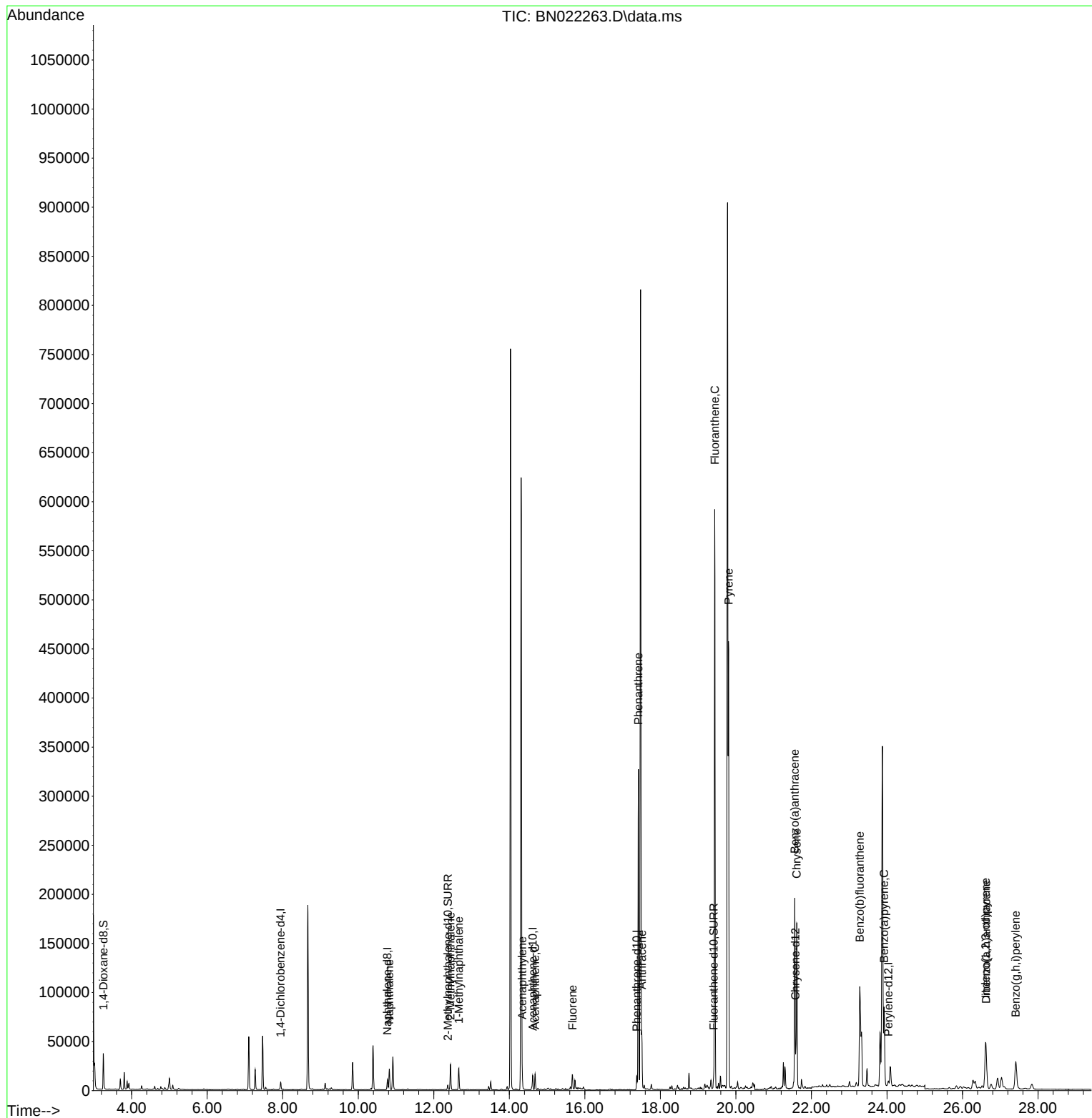
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.944	152	4001	0.400	ng/ul	0.00
4) Naphthalene-d8	10.772	136	13739	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.619	164	7968	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.374	188	15970	0.400	ng/ul	0.00
17) Chrysene-d12	21.576	240	9013	0.400	ng/ul	0.00
23) Perylene-d12	24.037	264	6947	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.253	96	23001	4.423	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.373	152	6125	0.295	ng/ul	0.00
18) Fluoranthene-d10	19.412	212	11941	0.395	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.822	128	28447	0.701	ng/ul	99
7) 2-Methylnaphthalene	12.444	142	18336	0.717	ng/ul	100
8) 1-Methylnaphthalene	12.664	142	15411	0.586	ng/ul	100
10) Acenaphthylene	14.341	152	16152	0.452	ng/ul	97
11) Acenaphthene	14.683	153	9477	0.314	ng/ul	99
12) Fluorene	15.673	166	9459	0.270	ng/ul	98
15) Phenanthrene	17.417	178	336042	6.268	ng/ul	99
16) Anthracene	17.510	178	54296	1.202	ng/ul	100
19) Fluoranthene	19.440	202	471925	11.432	ng/ul	100
20) Pyrene	19.807	202	354091	8.538	ng/ul	99
21) Benzo(a)anthracene	21.559	228	165969	4.915	ng/ul	97
22) Chrysene	21.611	228	166436	4.650	ng/ul	97
24) Benzo(b)fluoranthene	23.280	252	245760	7.045	ng/ul	97
26) Benzo(a)pyrene	23.926	252	110505	3.973	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.612	276	80327	2.323	ng/ul	92
28) Dibenzo(a,h)anthracene	26.625	278	21755	0.788	ng/ul	92
29) Benzo(g,h,i)perylene	27.413	276	60461	2.147	ng/ul	99

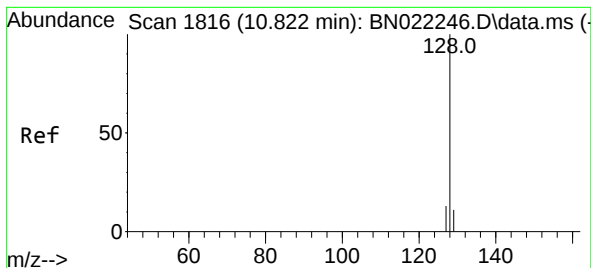
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.701 ng/ul

RT: 10.822 min Scan# 1816

Delta R.T. -0.010 min

Lab File: BN022263.D

Acq: 21 Oct 2022 20:40

Instrument :

BNA_N

ClientSampleId :

C0BN7

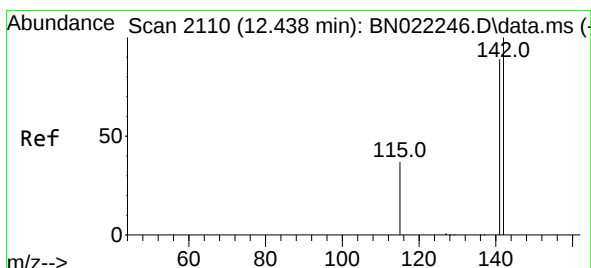
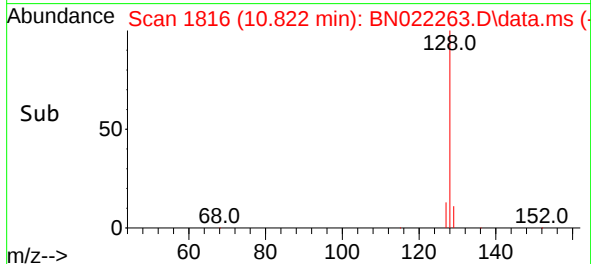
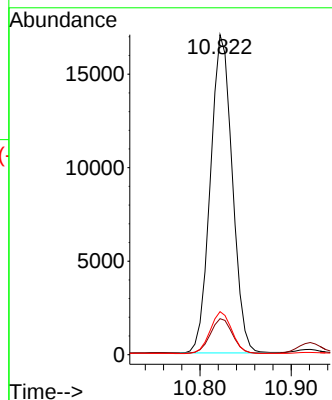
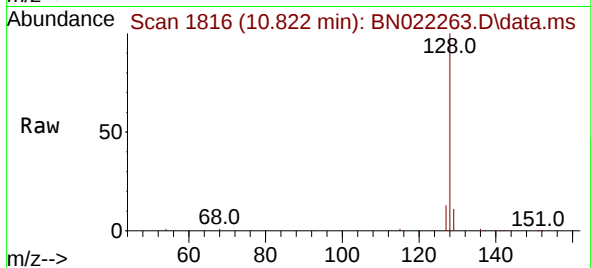
Tgt Ion:128 Resp: 28447

Ion Ratio Lower Upper

128 100

129 11.3 9.3 13.9

127 13.5 10.7 16.1



#7

2-Methylnaphthalene

Concen: 0.717 ng/ul

RT: 12.444 min Scan# 2111

Delta R.T. -0.004 min

Lab File: BN022263.D

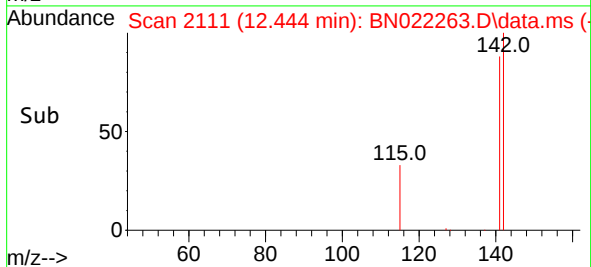
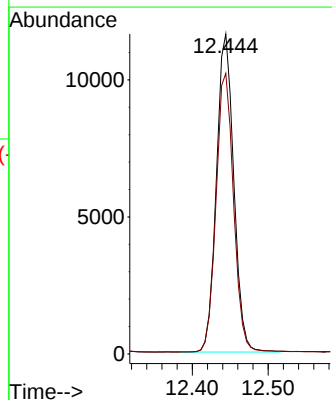
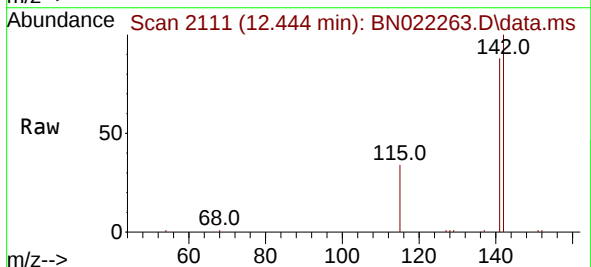
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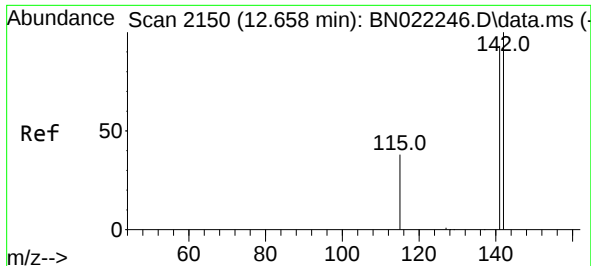
Tgt Ion:142 Resp: 18336

Ion Ratio Lower Upper

142 100

141 88.4 71.1 106.7

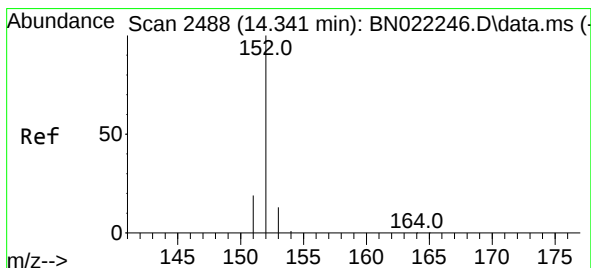
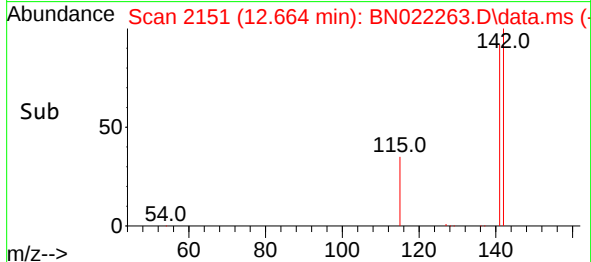
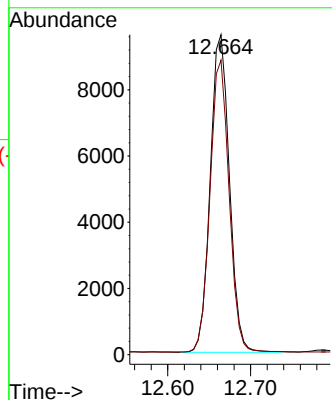
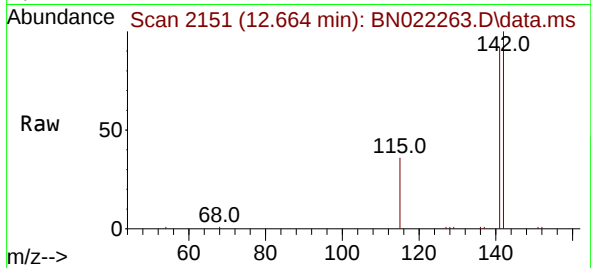




#8
1-Methylnaphthalene
Concen: 0.586 ng/ul
RT: 12.664 min Scan# 2151
Delta R.T. -0.004 min
Lab File: BN022263.D
Acq: 21 Oct 2022 20:40

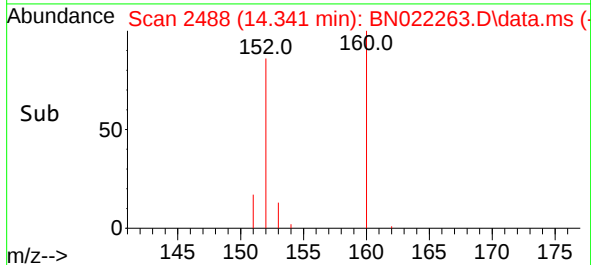
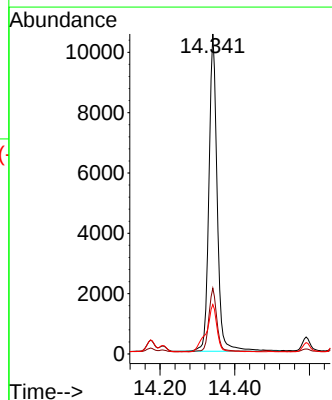
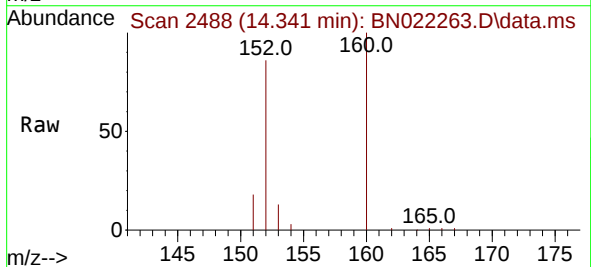
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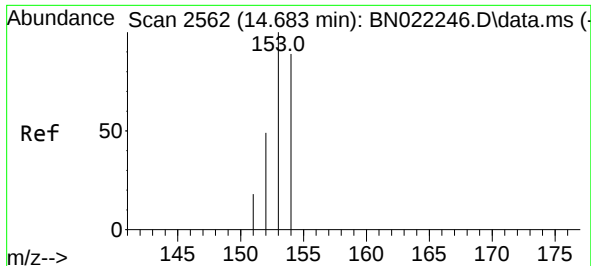
Tgt Ion:142 Resp: 15411
Ion Ratio Lower Upper
142 100
141 91.2 73.3 109.9



#10
Acenaphthylene
Concen: 0.452 ng/ul
RT: 14.341 min Scan# 2488
Delta R.T. -0.008 min
Lab File: BN022263.D
Acq: 21 Oct 2022 20:40

Tgt Ion:152 Resp: 16152
Ion Ratio Lower Upper
152 100
151 20.5 15.9 23.9
153 15.4 10.8 16.2

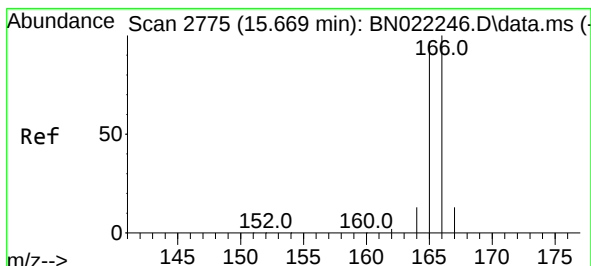
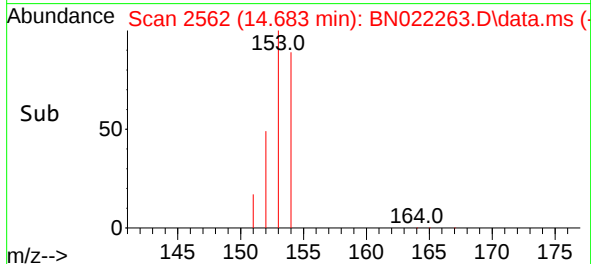
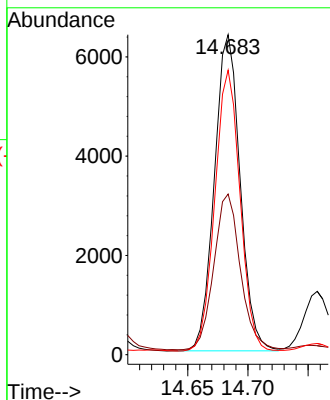
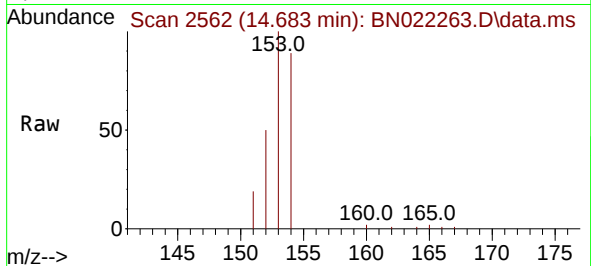




#11
Acenaphthene
Concen: 0.314 ng/ul
RT: 14.683 min Scan# 21
Delta R.T. -0.003 min
Lab File: BN022263.D
Acq: 21 Oct 2022 20:40

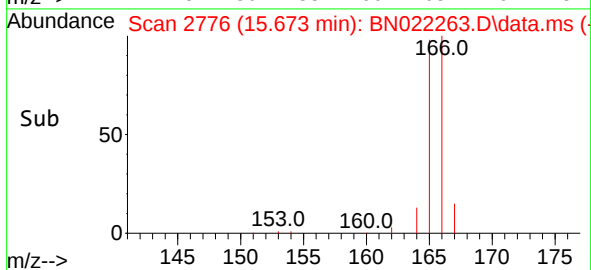
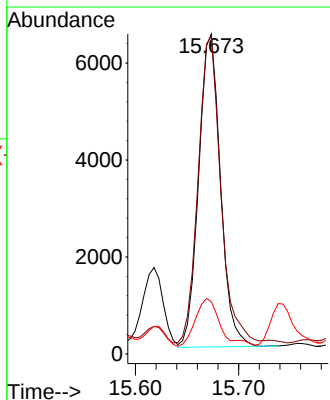
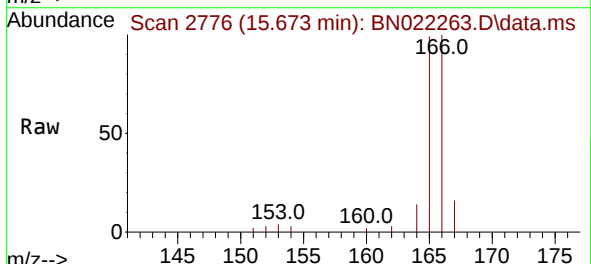
Instrument :
BNA_N
ClientSampleId :
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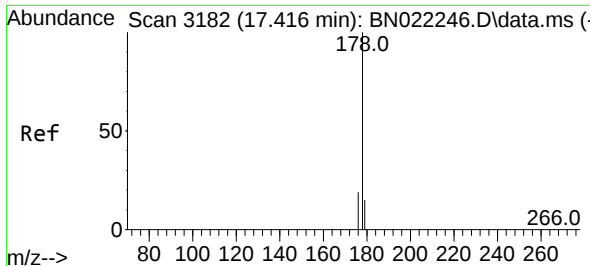
Tgt Ion:153 Resp: 9477
Ion Ratio Lower Upper
153 100
152 50.2 40.6 61.0
154 88.9 70.6 106.0



#12
Fluorene
Concen: 0.270 ng/ul
RT: 15.673 min Scan# 2776
Delta R.T. -0.003 min
Lab File: BN022263.D
Acq: 21 Oct 2022 20:40

Tgt Ion:166 Resp: 9459
Ion Ratio Lower Upper
166 100
165 99.3 78.2 117.2
167 16.3 11.0 16.4

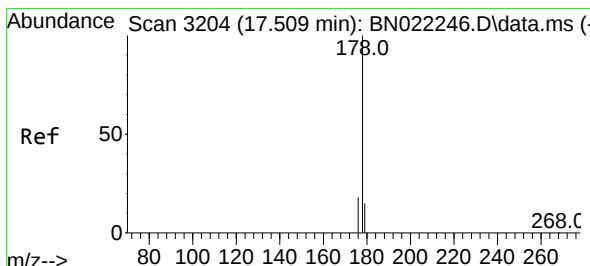
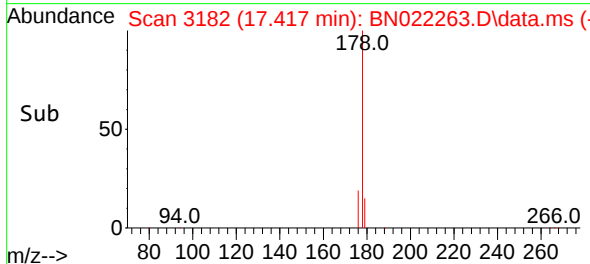
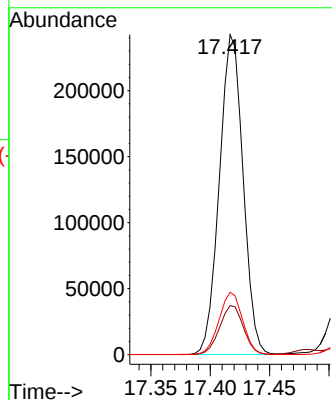
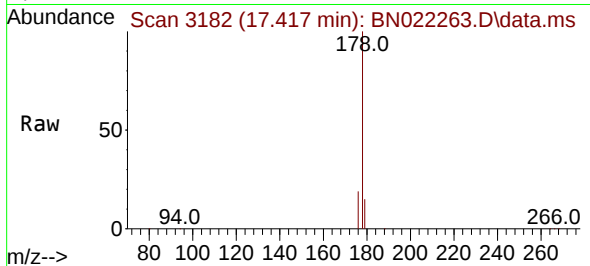




#15
Phenanthrene
Concen: 6.268 ng/ul
RT: 17.417 min Scan# 3182
Delta R.T. -0.007 min
Lab File: BN022263.D
Acq: 21 Oct 2022 20:40

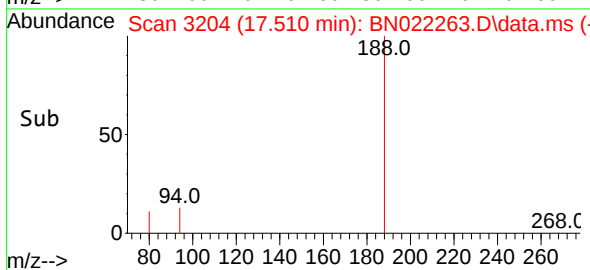
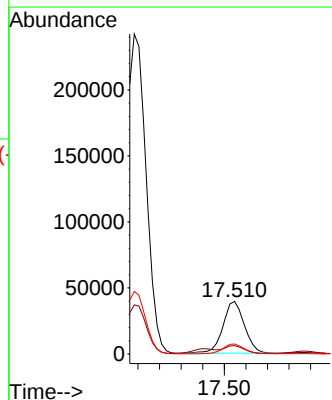
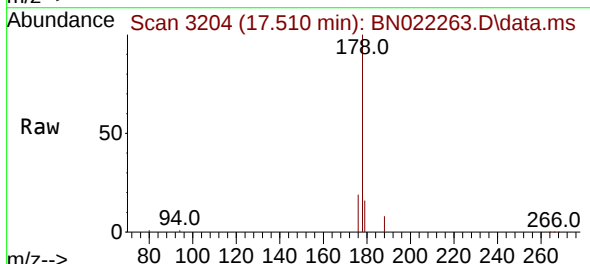
Instrument :
BNA_N
ClientSampleId :
C0BN7

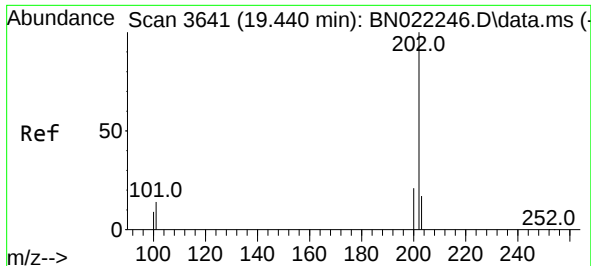
Tgt Ion:178 Resp: 336042
Ion Ratio Lower Upper
178 100
179 15.3 12.7 19.1
176 19.5 15.4 23.2



#16
Anthracene
Concen: 1.202 ng/ul
RT: 17.510 min Scan# 3204
Delta R.T. -0.007 min
Lab File: BN022263.D
Acq: 21 Oct 2022 20:40

Tgt Ion:178 Resp: 54296
Ion Ratio Lower Upper
178 100
179 15.7 12.6 18.8
176 18.9 15.0 22.6

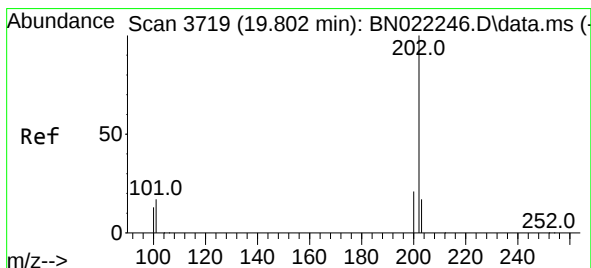
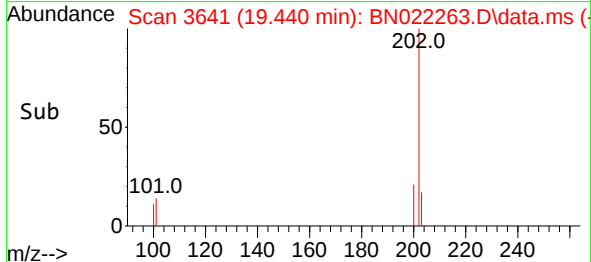
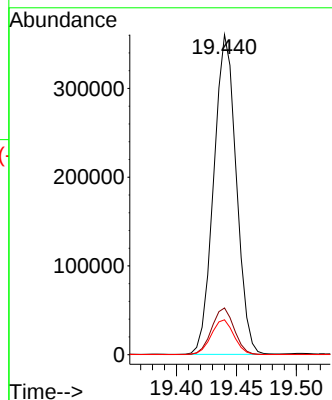
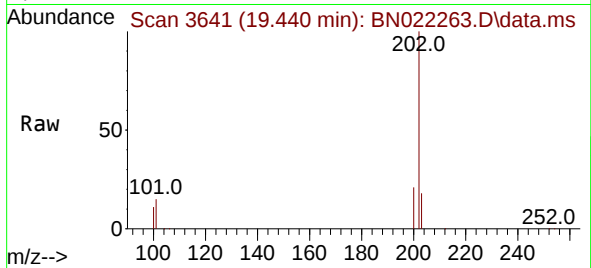




#19
Fluoranthene
Concen: 11.432 ng/ul
RT: 19.440 min Scan# 3641
Delta R.T. -0.003 min
Lab File: BN022263.D
Acq: 21 Oct 2022 20:40

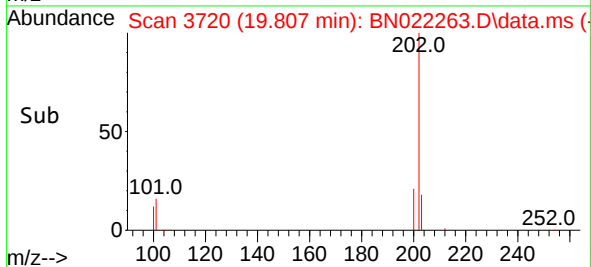
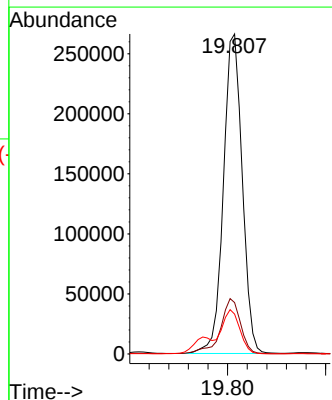
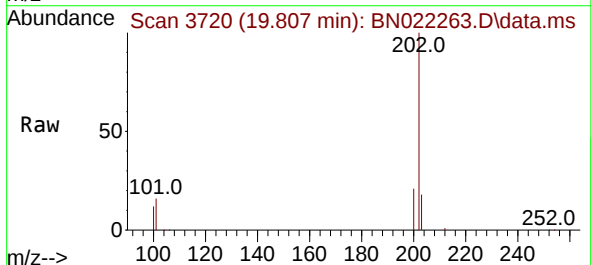
Instrument :
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ClientSampleId :
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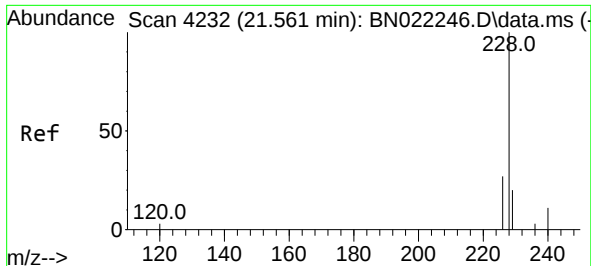
Tgt Ion:202 Resp: 471925
Ion Ratio Lower Upper
202 100
101 14.6 11.8 17.6
100 10.9 8.7 13.1



#20
Pyrene
Concen: 8.538 ng/ul
RT: 19.807 min Scan# 3720
Delta R.T. -0.003 min
Lab File: BN022263.D
Acq: 21 Oct 2022 20:40

Tgt Ion:202 Resp: 354091
Ion Ratio Lower Upper
202 100
101 16.1 13.1 19.7
100 12.4 10.6 16.0

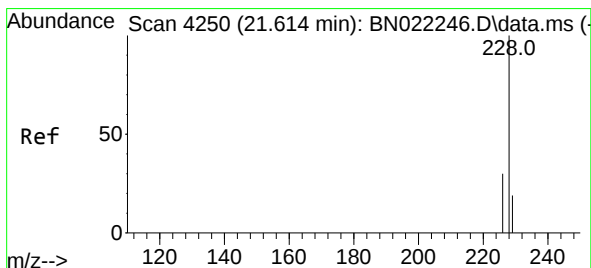
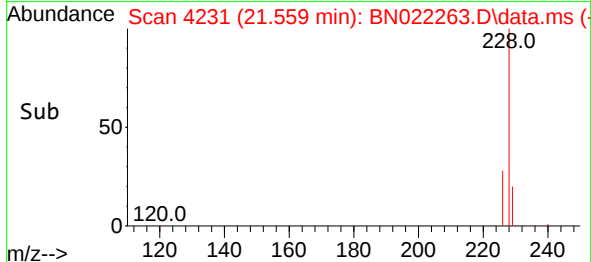
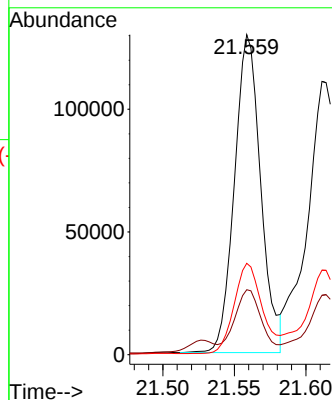
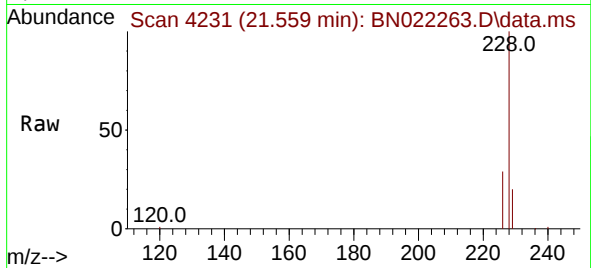




#21
Benzo(a)anthracene
Concen: 4.915 ng/ul
RT: 21.559 min Scan# 41
Delta R.T. -0.009 min
Lab File: BN022263.D
Acq: 21 Oct 2022 20:40

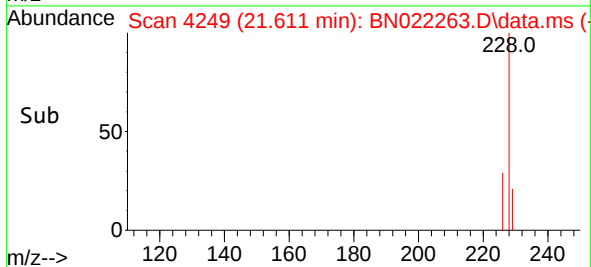
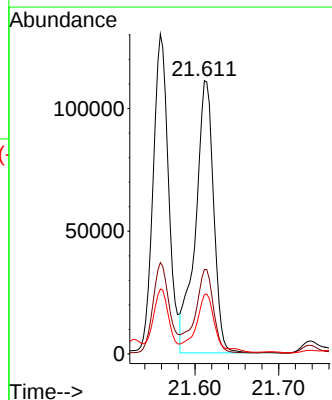
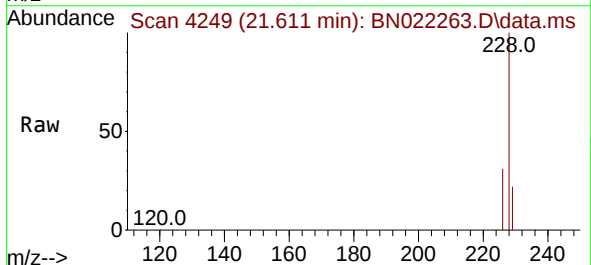
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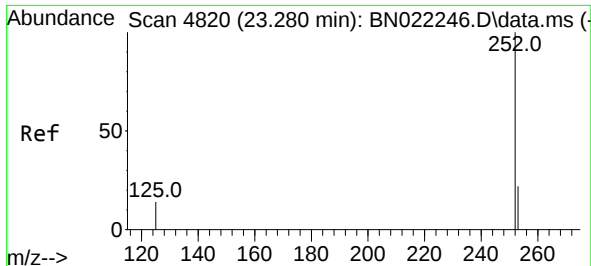
Tgt Ion:228 Resp: 165969
Ion Ratio Lower Upper
228 100
229 20.3 15.7 23.5
226 28.6 21.5 32.3



#22
Chrysene
Concen: 4.650 ng/ul
RT: 21.611 min Scan# 4249
Delta R.T. -0.009 min
Lab File: BN022263.D
Acq: 21 Oct 2022 20:40

Tgt Ion:228 Resp: 166436
Ion Ratio Lower Upper
228 100
226 30.9 23.9 35.9
229 21.7 15.9 23.9

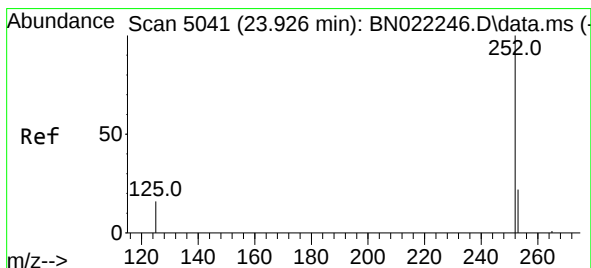
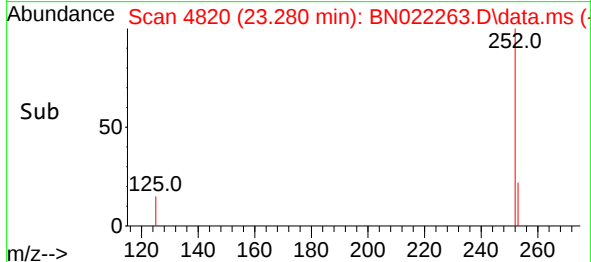
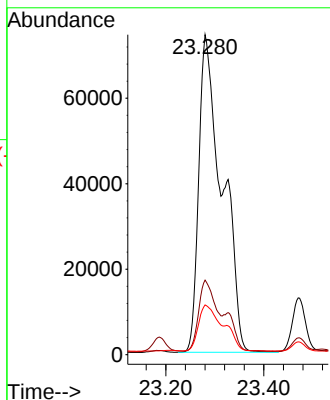
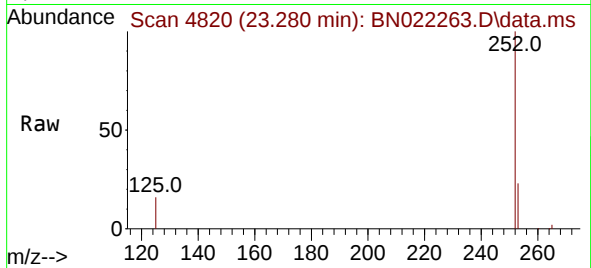




#24
Benzo(b)fluoranthene
Concen: 7.045 ng/u1
RT: 23.280 min Scan# 4820
Delta R.T. -0.009 min
Lab File: BN022263.D
Acq: 21 Oct 2022 20:40

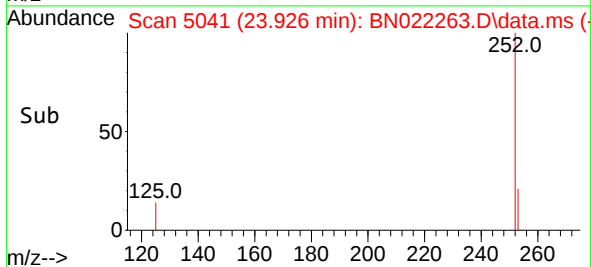
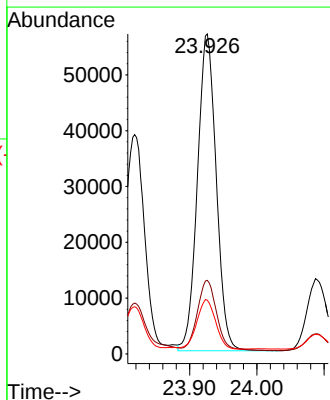
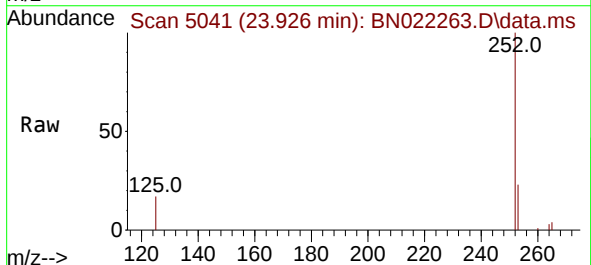
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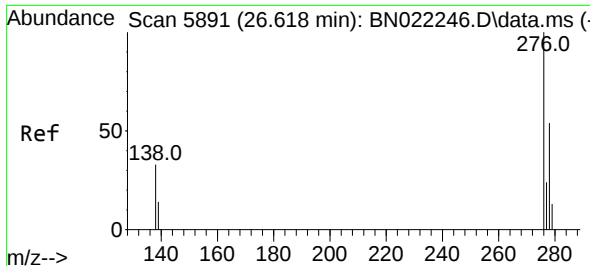
Tgt Ion:252 Resp: 245760
Ion Ratio Lower Upper
252 100
253 23.3 0.0 49.0
125 15.6 0.0 35.2



#26
Benzo(a)pyrene
Concen: 3.973 ng/u1
RT: 23.926 min Scan# 5041
Delta R.T. -0.009 min
Lab File: BN022263.D
Acq: 21 Oct 2022 20:40

Tgt Ion:252 Resp: 110505
Ion Ratio Lower Upper
252 100
253 23.0 21.0 31.6
125 16.8 17.9 26.9#

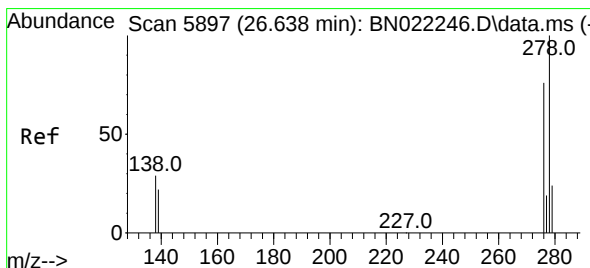
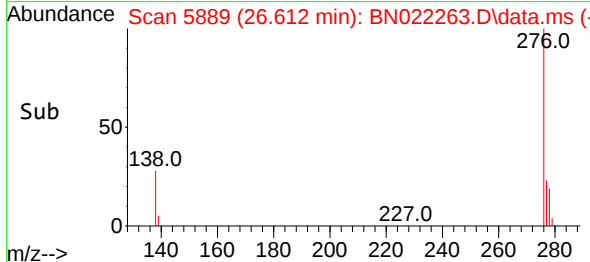
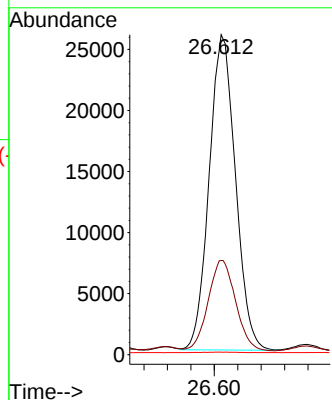
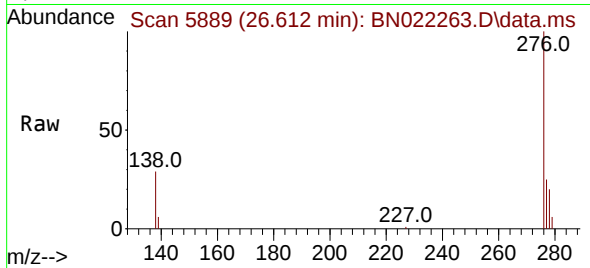




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 2.323 ng/ul
 RT: 26.612 min Scan# 5889
 Delta R.T. -0.024 min
 Lab File: BN022263.D
 Acq: 21 Oct 2022 20:40

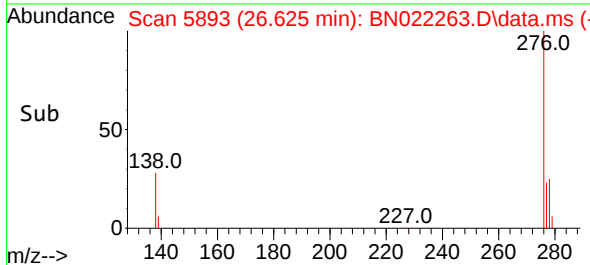
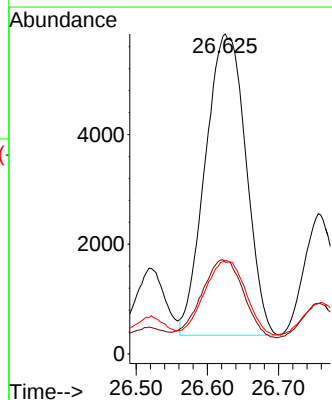
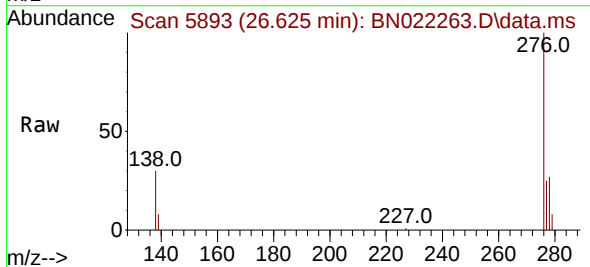
Instrument :
 BNA_N
 ClientSampleId :
 C0BN7

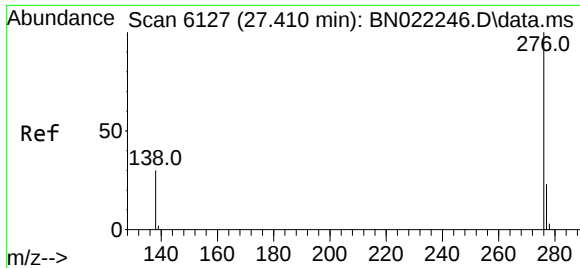
Tgt Ion:276 Resp: 80327
 Ion Ratio Lower Upper
 276 100
 138 29.9 27.7 41.5
 227 0.2 0.2 0.2



#28
 Dibenzo(a,h)anthracene
 Concen: 0.788 ng/ul
 RT: 26.625 min Scan# 5893
 Delta R.T. -0.031 min
 Lab File: BN022263.D
 Acq: 21 Oct 2022 20:40

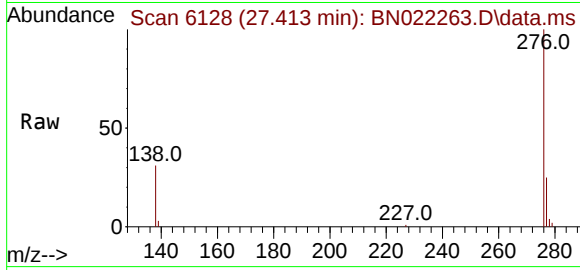
Tgt Ion:278 Resp: 21755
 Ion Ratio Lower Upper
 278 100
 139 28.7 19.6 29.4
 279 29.3 20.6 30.8





#29
 Benzo(g,h,i)perylene
 Concen: 2.147 ng/ul
 RT: 27.413 min Scan# 61
 Delta R.T. -0.017 min
 Lab File: BN022263.D
 Acq: 21 Oct 2022 20:40

Instrument :
 BNA_N
 ClientSampleId :
 C0BN7



Tgt Ion:	276	Resp:	60461
Ion Ratio	Lower	Upper	
276	100		
138	30.8	25.2	37.8
277	24.5	19.9	29.9

