

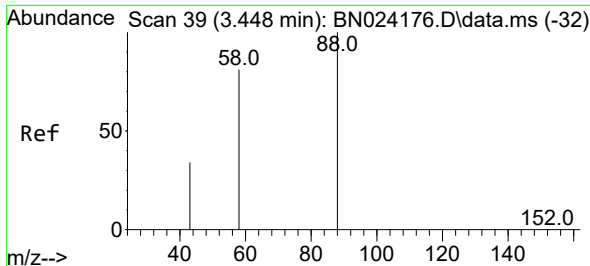
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030923\
 Data File : BN024200.D
 Acq On : 09 Mar 2023 15:21
 Operator : CG/JU
 Sample : SSTDCCC0.04
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4389

Quant Time: Mar 10 02:24:15 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN030923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 09 08:02:24 2023
 Response via : Initial Calibration

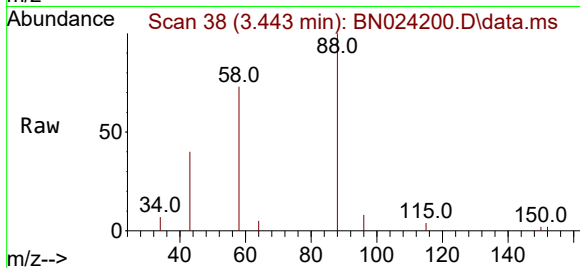
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.055	152	8045	0.400	ng/ul	0.00
4) Naphthalene-d8	10.872	136	23274	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.689	164	11966	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.434	188	24261	0.400	ng/ul	0.00
17) Chrysene-d12	21.621	240	17286	0.400	ng/ul	0.00
23) Perylene-d12	24.120	264	13308	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	3450	0.390	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.456	152	11242	0.407	ng/ul	0.00
18) Fluoranthene-d10	19.455	212	19352	0.421	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.443	88	3787	0.393	ng/ul	97
5) Naphthalene	10.922	128	23655	0.407	ng/ul	100
7) 2-Methylnaphthalene	12.528	142	14285	0.405	ng/ul	100
8) 1-Methylnaphthalene	12.742	142	14989	0.405	ng/ul	100
10) Acenaphthylene	14.411	152	19626	0.393	ng/ul	99
11) Acenaphthene	14.749	153	15476	0.402	ng/ul	99
12) Fluorene	15.735	166	16992	0.396	ng/ul	98
14) Pentachlorophenol	17.076	266	2455	0.364	ng/ul#	73
15) Phenanthrene	17.472	178	28048	0.404	ng/ul	100
16) Anthracene	17.565	178	23261	0.381	ng/ul	100
19) Fluoranthene	19.487	202	28784	0.418	ng/ul	99
20) Pyrene	19.845	202	29131	0.417	ng/ul	97
21) Benzo(a)anthracene	21.603	228	21189	0.376	ng/ul	99
22) Chrysene	21.659	228	23887	0.401	ng/ul	99
24) Benzo(b)fluoranthene	23.354	252	21062	0.414	ng/ul	99
25) Benzo(k)fluoranthene	23.404	252	21363	0.405	ng/ul	99
26) Benzo(a)pyrene	24.009	252	16825	0.385	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.733	276	17885	0.363	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.754	278	12809	0.342	ng/ul	99
29) Benzo(g,h,i)perylene	27.538	276	16436	0.385	ng/ul	99

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



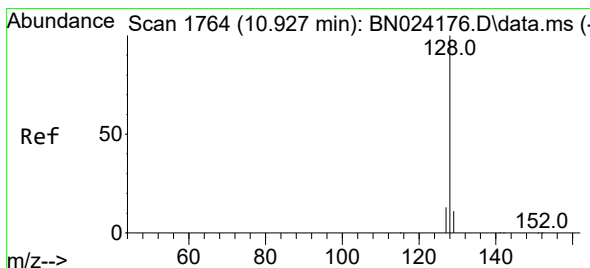
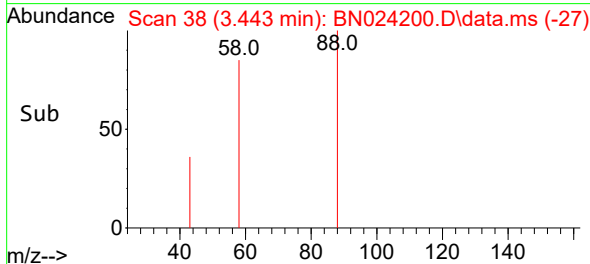
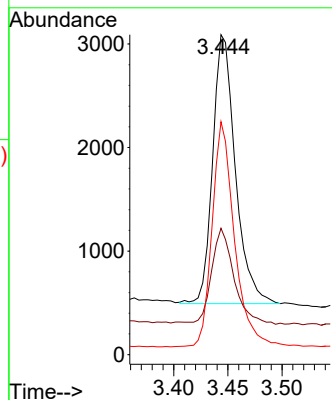
#2
1,4-Dioxane
Concen: 0.393 ng/ul
RT: 3.443 min Scan# 31
Delta R.T. -0.004 min
Lab File: BN024200.D
Acq: 09 Mar 2023 15:21

Instrument :
BNA_N
ClientSampleId :
SSTD0.4389



Tgt Ion: 88 Resp: 3787

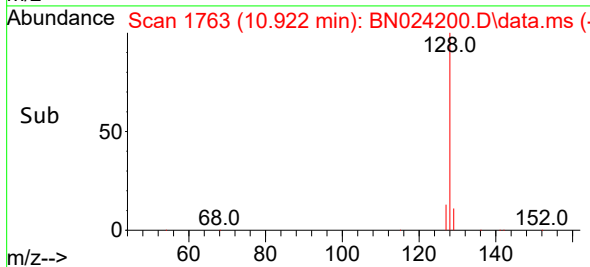
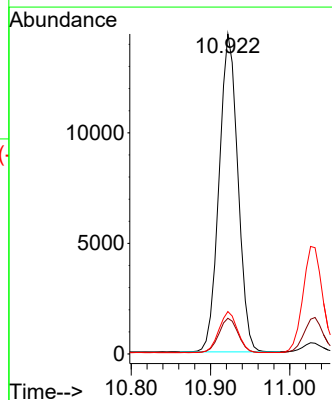
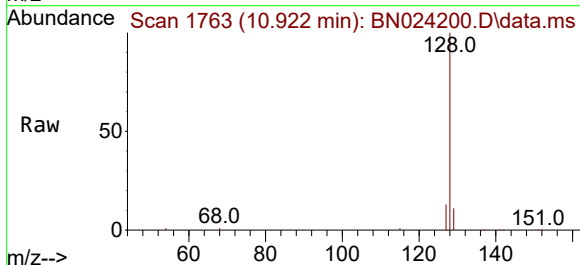
Ion	Ratio	Lower	Upper
88	100		
43	39.5	32.1	48.1
58	72.8	55.1	82.7

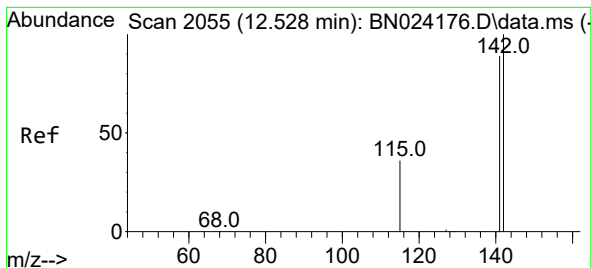


#5
Naphthalene
Concen: 0.407 ng/ul
RT: 10.922 min Scan# 1763
Delta R.T. 0.000 min
Lab File: BN024200.D
Acq: 09 Mar 2023 15:21

Tgt Ion: 128 Resp: 23655

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.6
127	13.2	10.5	15.7

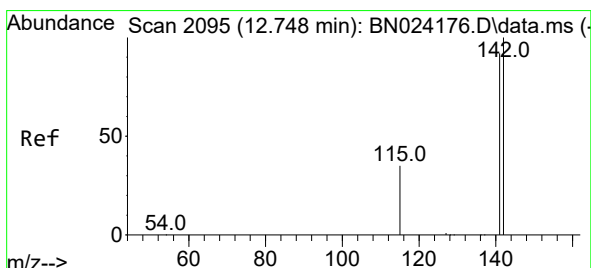
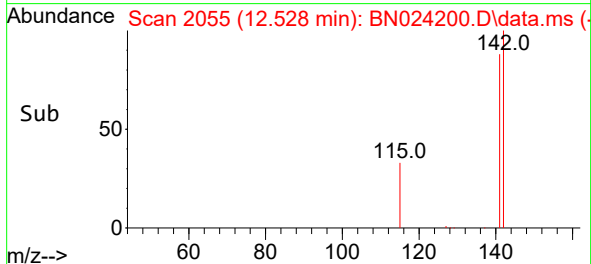
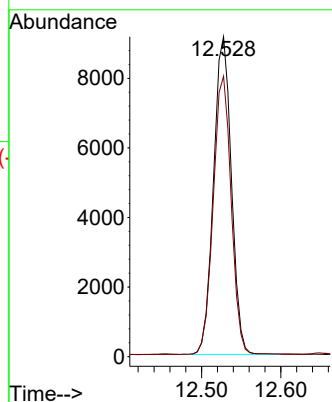
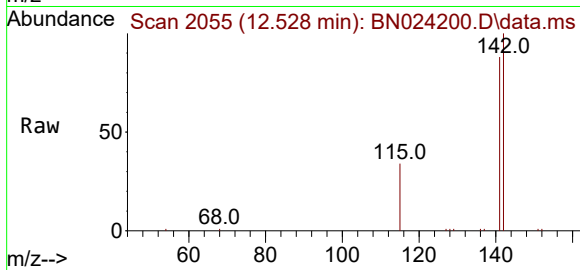




#7
2-Methylnaphthalene
Concen: 0.405 ng/ul
RT: 12.528 min Scan# 2055
Delta R.T. 0.006 min
Lab File: BN024200.D
Acq: 09 Mar 2023 15:21

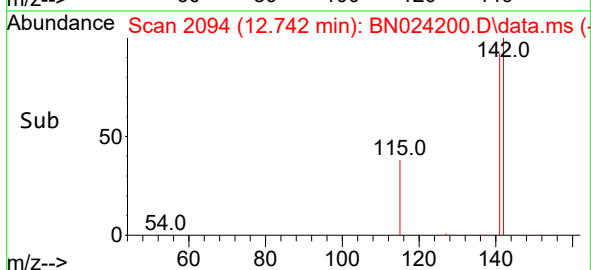
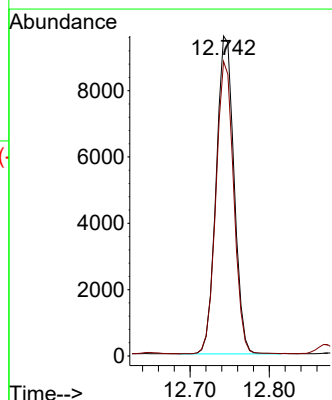
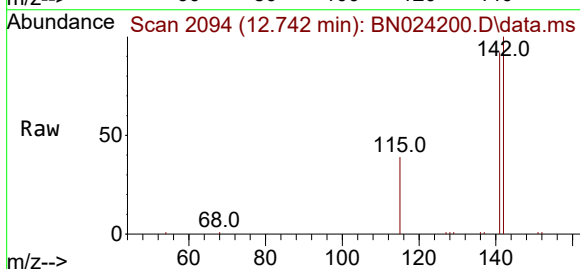
Instrument :
BNA_N
ClientSampleId :
SSTD0.4389

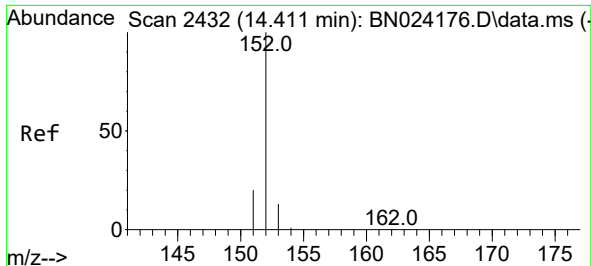
Tgt Ion:142 Resp: 14285
Ion Ratio Lower Upper
142 100
141 87.9 70.3 105.5



#8
1-Methylnaphthalene
Concen: 0.405 ng/ul
RT: 12.742 min Scan# 2094
Delta R.T. 0.000 min
Lab File: BN024200.D
Acq: 09 Mar 2023 15:21

Tgt Ion:142 Resp: 14989
Ion Ratio Lower Upper
142 100
141 91.5 73.0 109.6

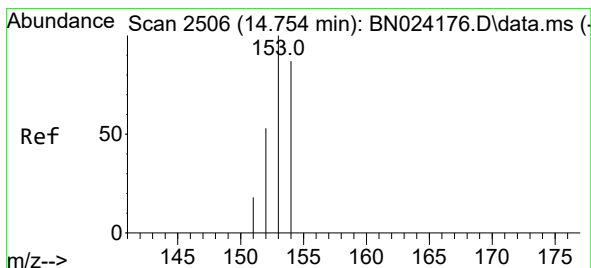
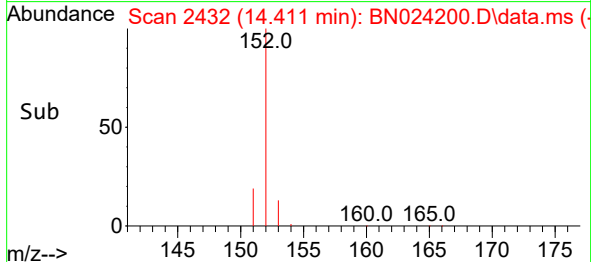
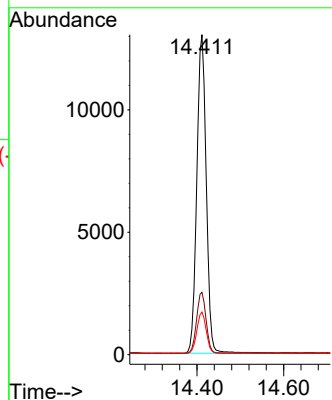
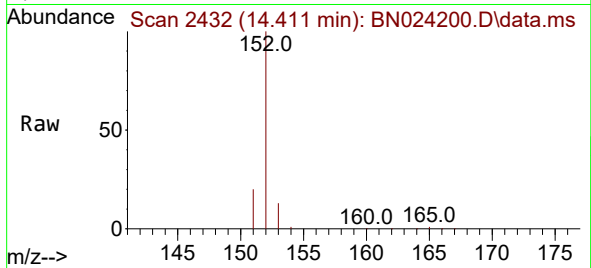




#10
Acenaphthylene
Concen: 0.393 ng/ul
RT: 14.411 min Scan# 2432
Delta R.T. 0.000 min
Lab File: BN024200.D
Acq: 09 Mar 2023 15:21

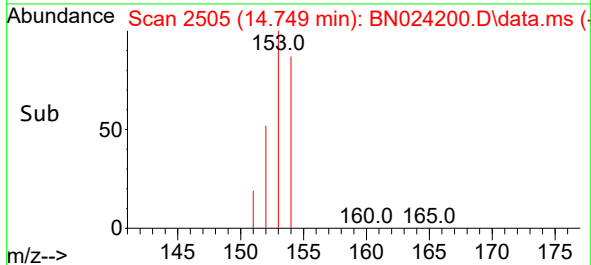
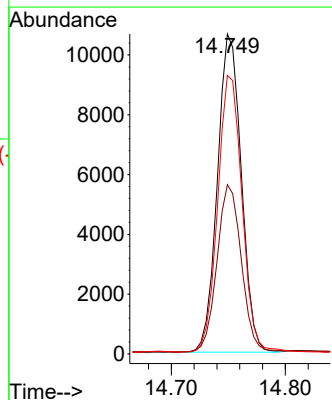
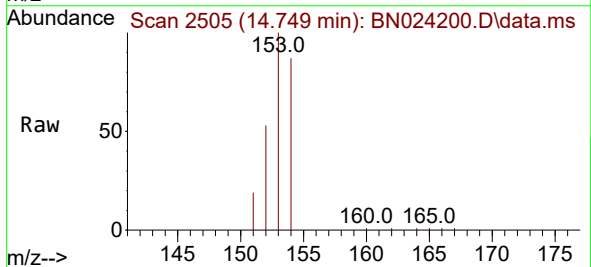
Instrument :
BNA_N
ClientSampleId :
SSTD0.4389

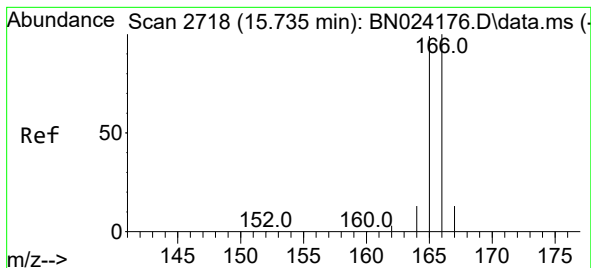
Tgt Ion:152 Resp: 19626
Ion Ratio Lower Upper
152 100
151 19.5 15.9 23.9
153 13.3 10.6 16.0



#11
Acenaphthene
Concen: 0.402 ng/ul
RT: 14.749 min Scan# 2505
Delta R.T. 0.000 min
Lab File: BN024200.D
Acq: 09 Mar 2023 15:21

Tgt Ion:153 Resp: 15476
Ion Ratio Lower Upper
153 100
152 52.9 42.6 64.0
154 87.0 70.6 105.8





#12

Fluorene

Concen: 0.396 ng/ul

RT: 15.735 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN024200.D

Acq: 09 Mar 2023 15:21

Instrument :

BNA_N

ClientSampleId :

SSTD0.4389

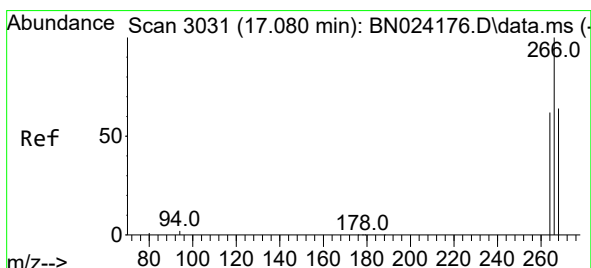
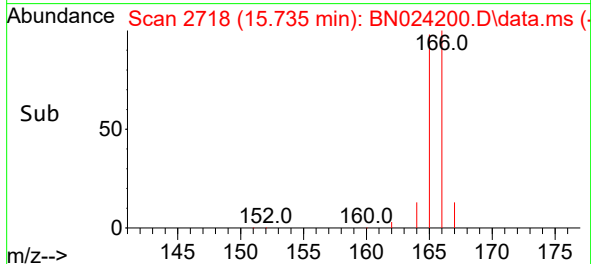
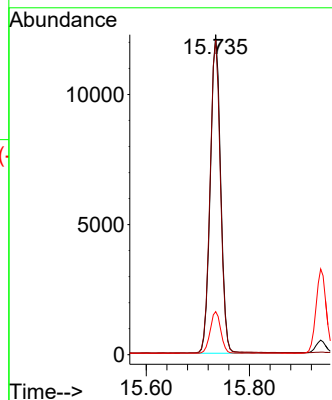
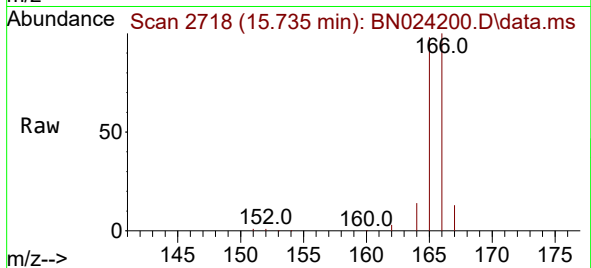
Tgt Ion:166 Resp: 16992

Ion Ratio Lower Upper

166 100

165 98.4 77.4 116.0

167 13.4 10.9 16.3



#14

Pentachlorophenol

Concen: 0.364 ng/ul

RT: 17.076 min Scan# 3030

Delta R.T. 0.000 min

Lab File: BN024200.D

Acq: 09 Mar 2023 15:21

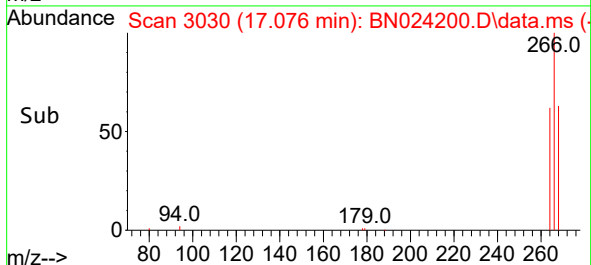
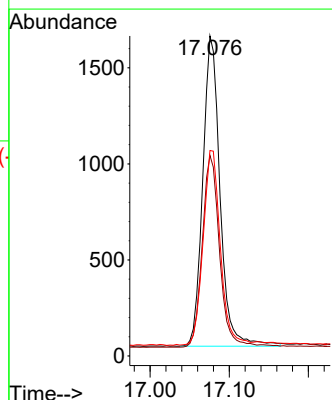
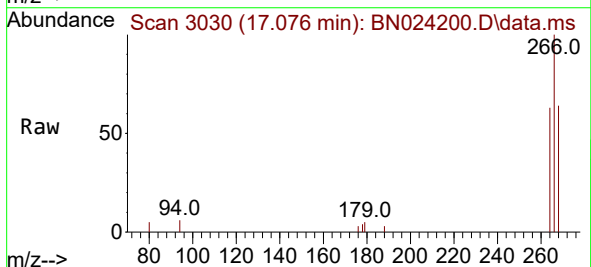
Tgt Ion:266 Resp: 2455

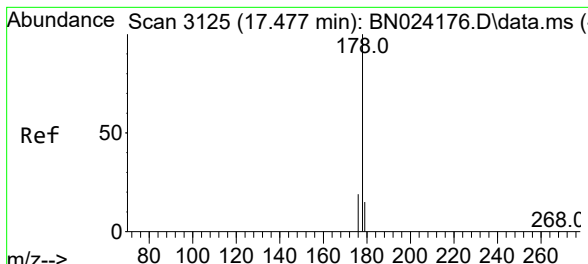
Ion Ratio Lower Upper

266 100

264 62.1 0.0 0.0#

268 64.0 0.1 0.1#

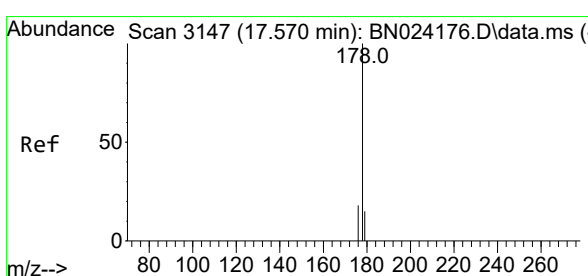
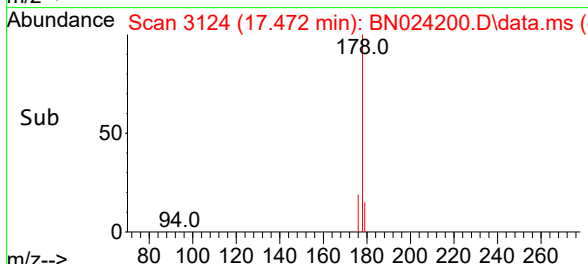
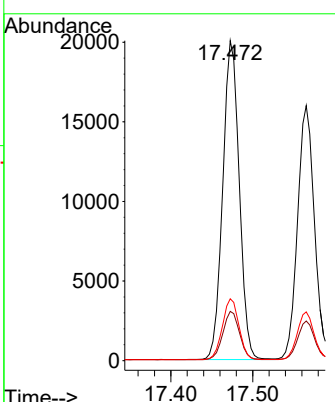
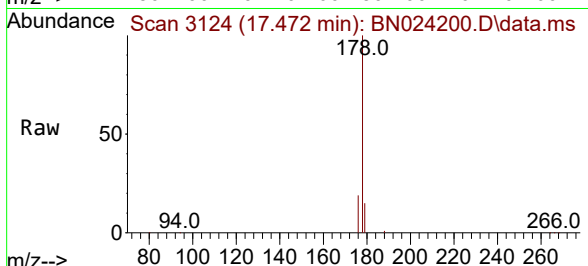




#15
 Phenanthrene
 Concen: 0.404 ng/ul
 RT: 17.472 min Scan# 3125
 Delta R.T. 0.000 min
 Lab File: BN024200.D
 Acq: 09 Mar 2023 15:21

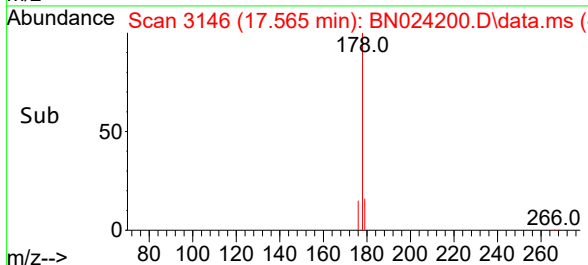
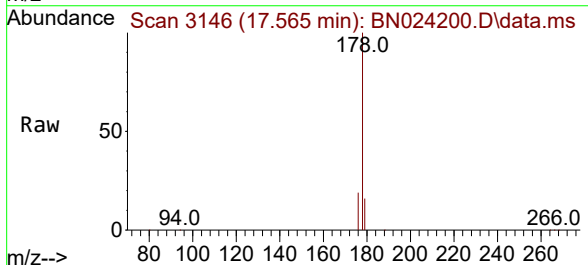
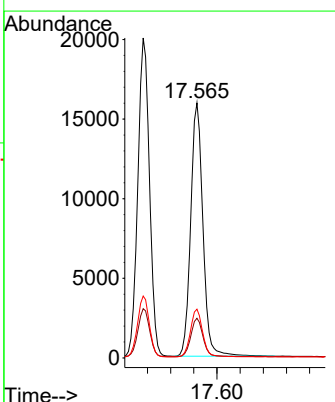
Instrument : BNA_N
 ClientSampleId : SSTD0.4389

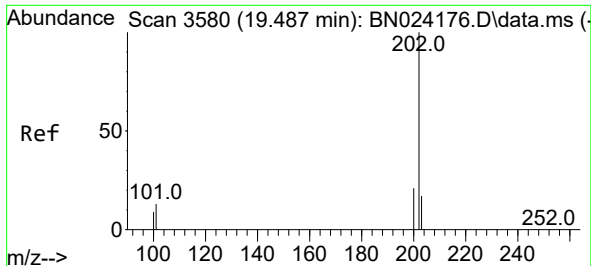
Tgt Ion:	178	Resp:	28048
Ion Ratio	Lower	Upper	
178	100		
179	15.4	12.2	18.2
176	19.4	15.7	23.5



#16
 Anthracene
 Concen: 0.381 ng/ul
 RT: 17.565 min Scan# 3146
 Delta R.T. 0.000 min
 Lab File: BN024200.D
 Acq: 09 Mar 2023 15:21

Tgt Ion:	178	Resp:	23261
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.3	18.5
176	19.1	15.3	22.9

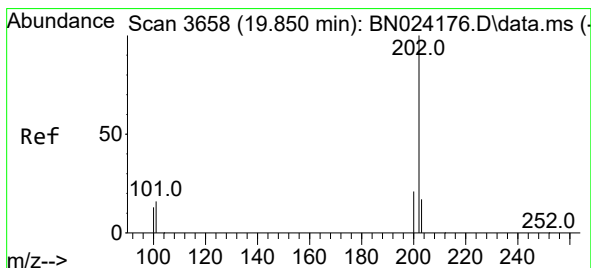
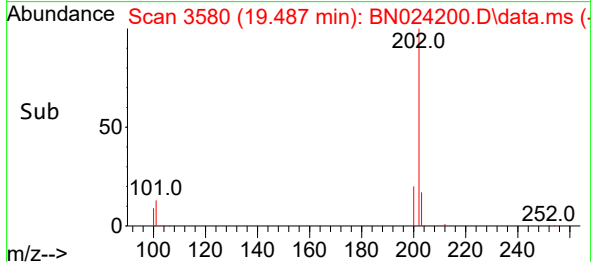
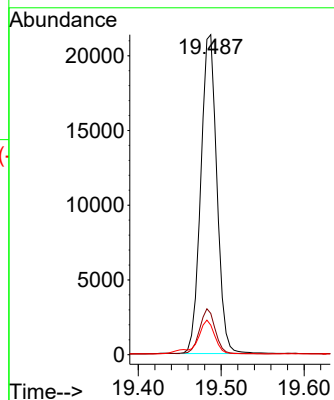
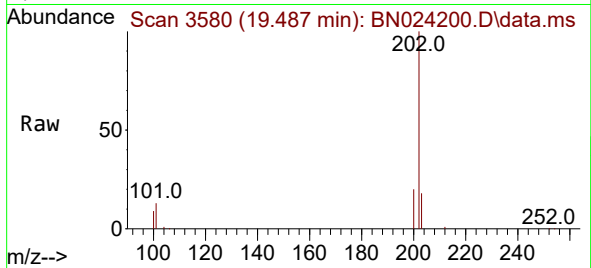




#19
Fluoranthene
Concen: 0.418 ng/ul
RT: 19.487 min Scan# 3580
Delta R.T. 0.005 min
Lab File: BN024200.D
Acq: 09 Mar 2023 15:21

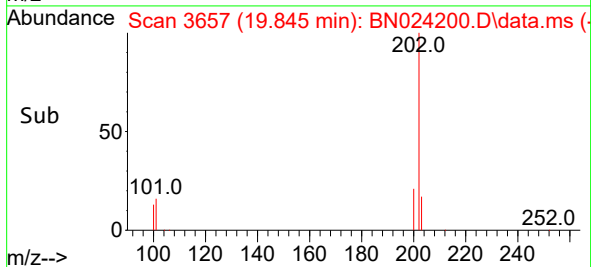
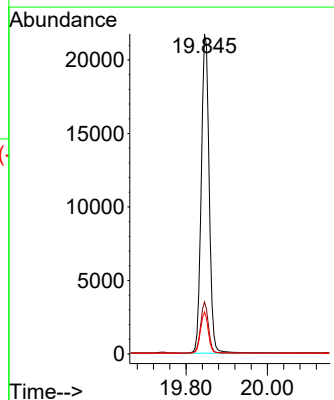
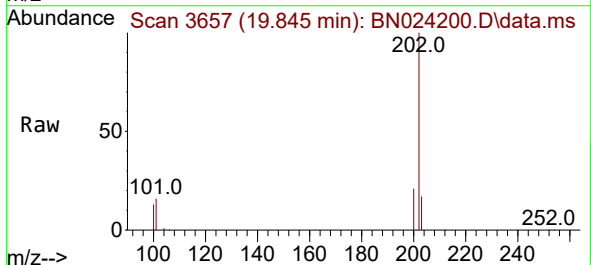
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BNA_N
ClientSampleId :
SSTD0.4389

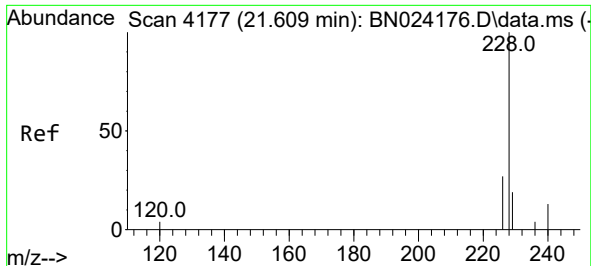
Tgt Ion:202 Resp: 28784
Ion Ratio Lower Upper
202 100
101 12.9 10.4 15.6
100 9.3 7.7 11.5



#20
Pyrene
Concen: 0.417 ng/ul
RT: 19.845 min Scan# 3657
Delta R.T. 0.000 min
Lab File: BN024200.D
Acq: 09 Mar 2023 15:21

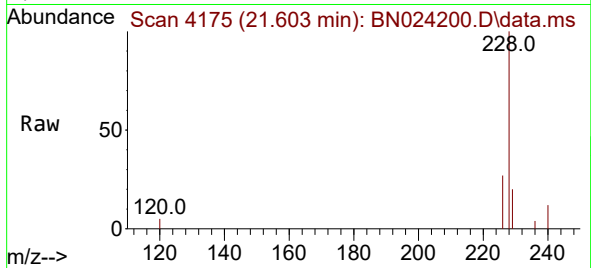
Tgt Ion:202 Resp: 29131
Ion Ratio Lower Upper
202 100
101 16.3 12.1 18.1
100 13.1 9.4 14.0



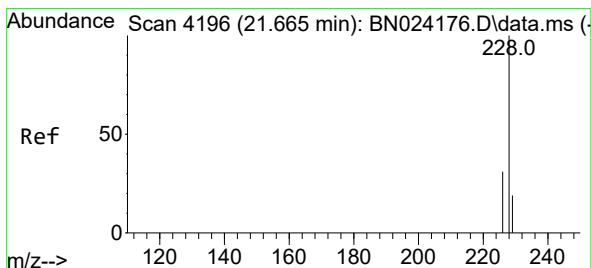
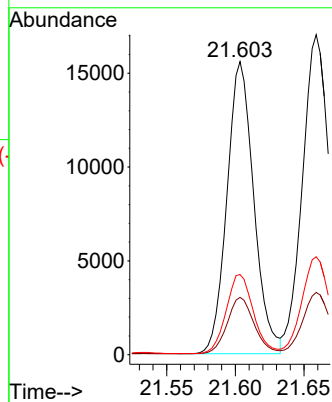
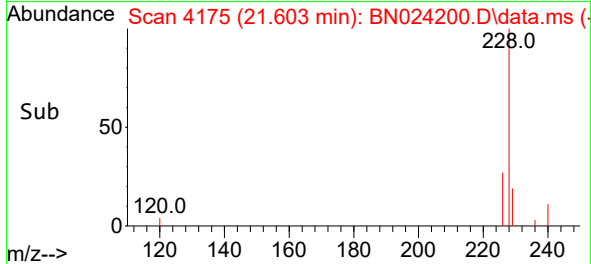


#21
Benzo(a)anthracene
Concen: 0.376 ng/ul
RT: 21.603 min Scan# 4177
Delta R.T. 0.006 min
Lab File: BN024200.D
Acq: 09 Mar 2023 15:21

Instrument :
BNA_N
ClientSampleId :
SSTD0.4389

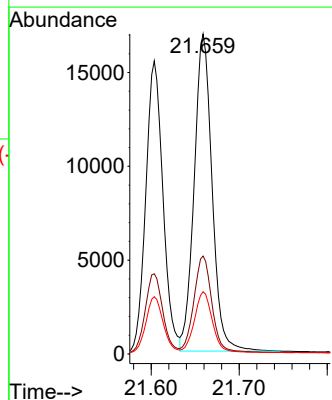
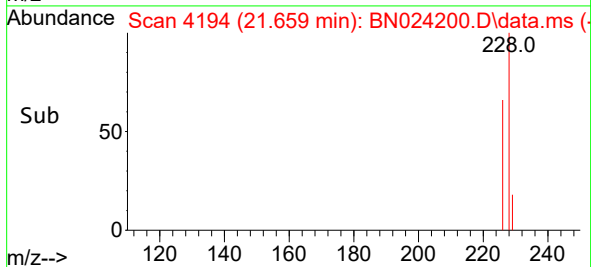
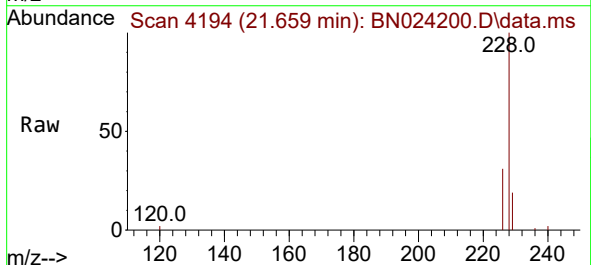


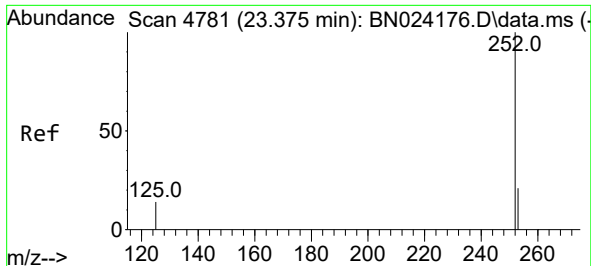
Tgt Ion:228 Resp: 21189
Ion Ratio Lower Upper
228 100
229 19.6 15.8 23.6
226 27.3 22.2 33.4



#22
Chrysene
Concen: 0.401 ng/ul
RT: 21.659 min Scan# 4194
Delta R.T. 0.006 min
Lab File: BN024200.D
Acq: 09 Mar 2023 15:21

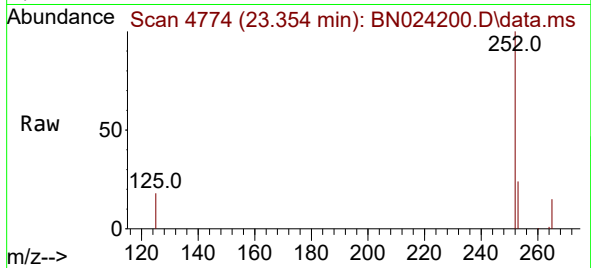
Tgt Ion:228 Resp: 23887
Ion Ratio Lower Upper
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226 30.6 24.8 37.2
229 19.5 15.8 23.6



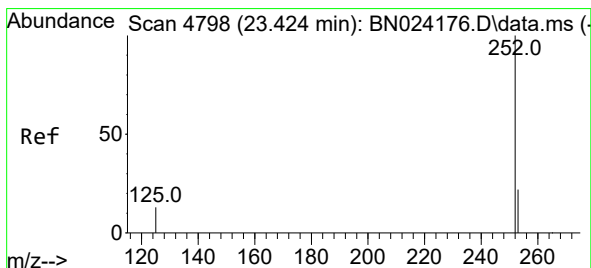
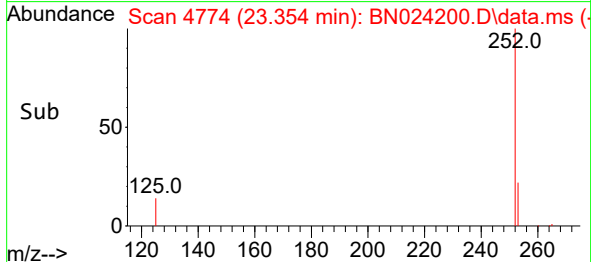
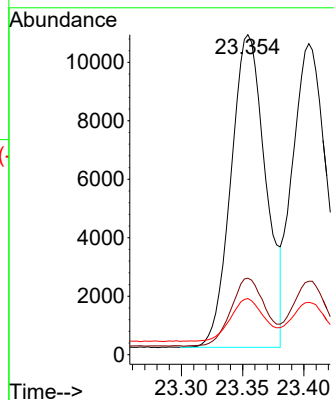


#24
Benzo(b)fluoranthene
Concen: 0.414 ng/ul
RT: 23.354 min Scan# 4774
Delta R.T. 0.009 min
Lab File: BN024200.D
Acq: 09 Mar 2023 15:21

Instrument :
BNA_N
ClientSampleId :
SSTD0.4389

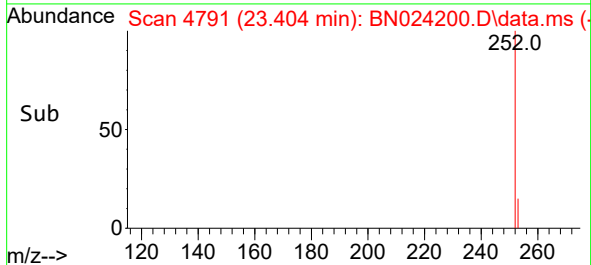
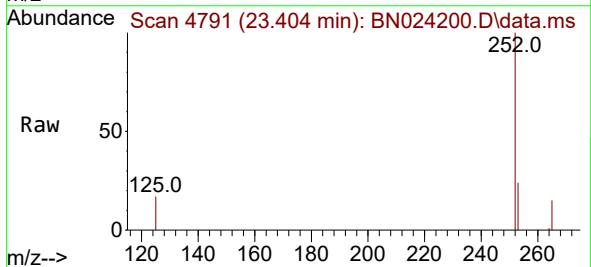
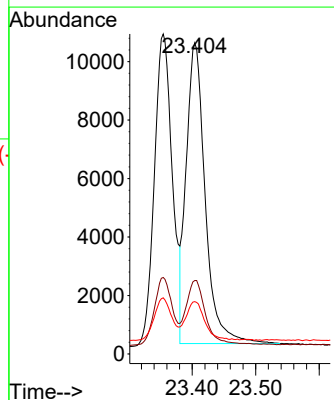


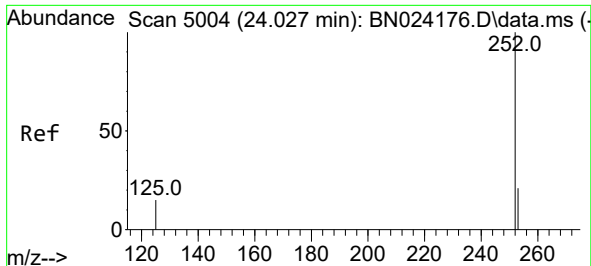
Tgt Ion:252 Resp: 21062
Ion Ratio Lower Upper
252 100
253 23.9 0.0 46.2
125 17.5 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.405 ng/ul
RT: 23.404 min Scan# 4791
Delta R.T. 0.006 min
Lab File: BN024200.D
Acq: 09 Mar 2023 15:21

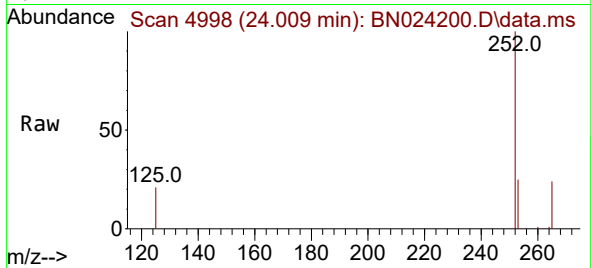
Tgt Ion:252 Resp: 21363
Ion Ratio Lower Upper
252 100
253 23.6 18.5 27.7
125 16.8 13.2 19.8



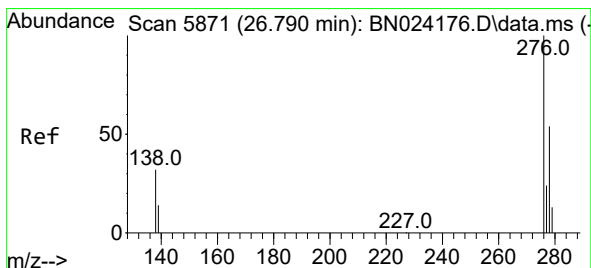
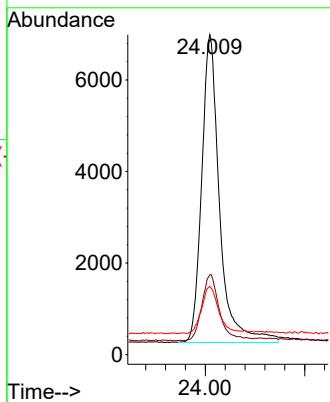
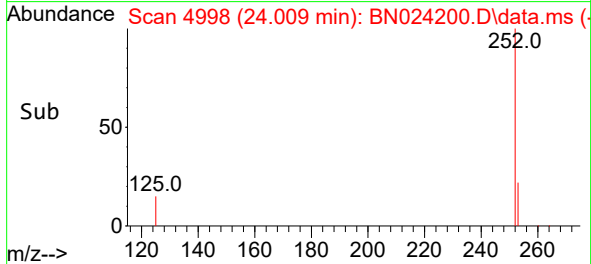


#26
Benzo(a)pyrene
Concen: 0.385 ng/ul
RT: 24.009 min Scan# 4998
Delta R.T. 0.006 min
Lab File: BN024200.D
Acq: 09 Mar 2023 15:21

Instrument :
BNA_N
ClientSampleId :
SSTD0.4389

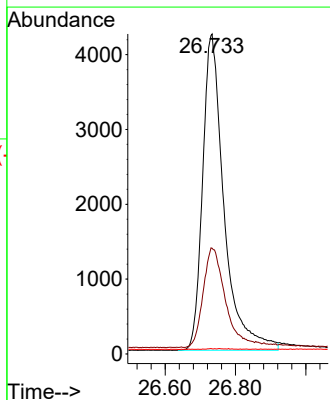
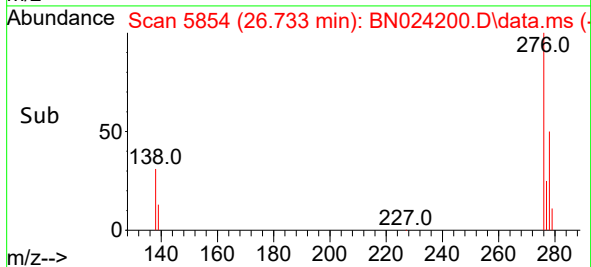
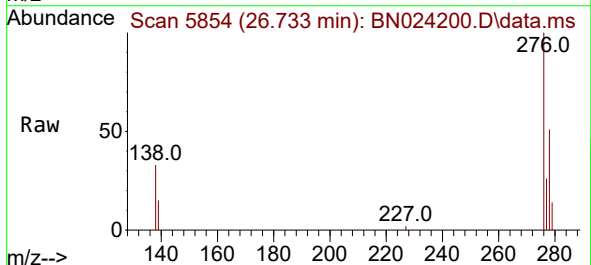


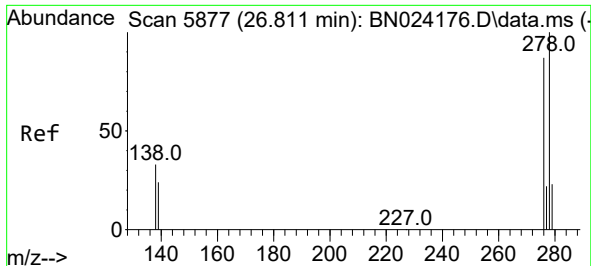
Tgt Ion:252 Resp: 16825
Ion Ratio Lower Upper
252 100
253 25.0 19.2 28.8
125 21.3 15.8 23.6



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.363 ng/ul
RT: 26.733 min Scan# 5854
Delta R.T. 0.006 min
Lab File: BN024200.D
Acq: 09 Mar 2023 15:21

Tgt Ion:276 Resp: 17885
Ion Ratio Lower Upper
276 100
138 33.4 0.0 0.0#
227 0.1 0.0 0.0#

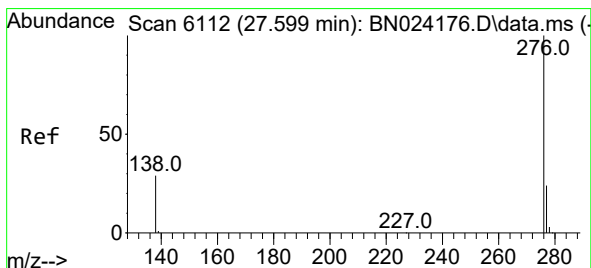
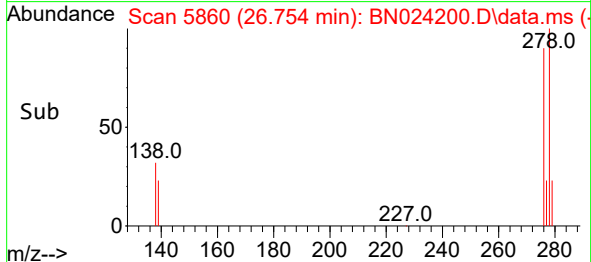
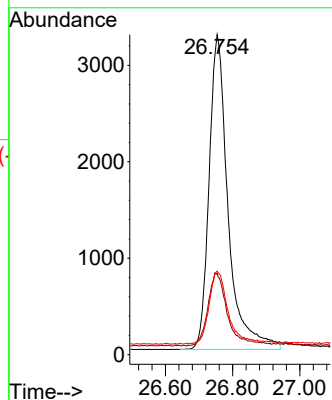
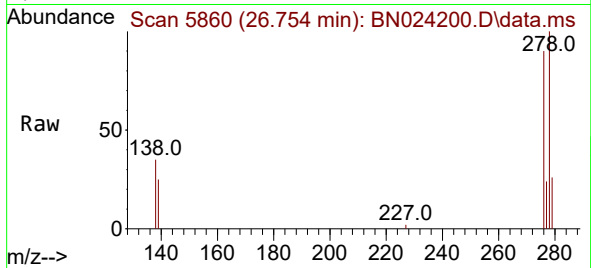




#28
Dibenzo(a,h)anthracene
Concen: 0.342 ng/ul
RT: 26.754 min Scan# 51
Delta R.T. 0.006 min
Lab File: BN024200.D
Acq: 09 Mar 2023 15:21

Instrument :
BNA_N
ClientSampleId :
SSTD0.4389

Tgt Ion:278 Resp: 12809
Ion Ratio Lower Upper
278 100
139 25.4 21.0 31.6
279 26.1 20.4 30.6



#29
Benzo(g,h,i)perylene
Concen: 0.385 ng/ul
RT: 27.538 min Scan# 6094
Delta R.T. 0.006 min
Lab File: BN024200.D
Acq: 09 Mar 2023 15:21

Tgt Ion:276 Resp: 16436
Ion Ratio Lower Upper
276 100
138 31.1 25.2 37.8
277 25.1 19.4 29.2

