

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080922\
 Data File : BN021096.D
 Acq On : 09 Aug 2022 21:54
 Operator : CG/JU
 Sample : PB146839BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 09 23:14:35 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 09 23:10:06 2022
 Response via : Initial Calibration

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

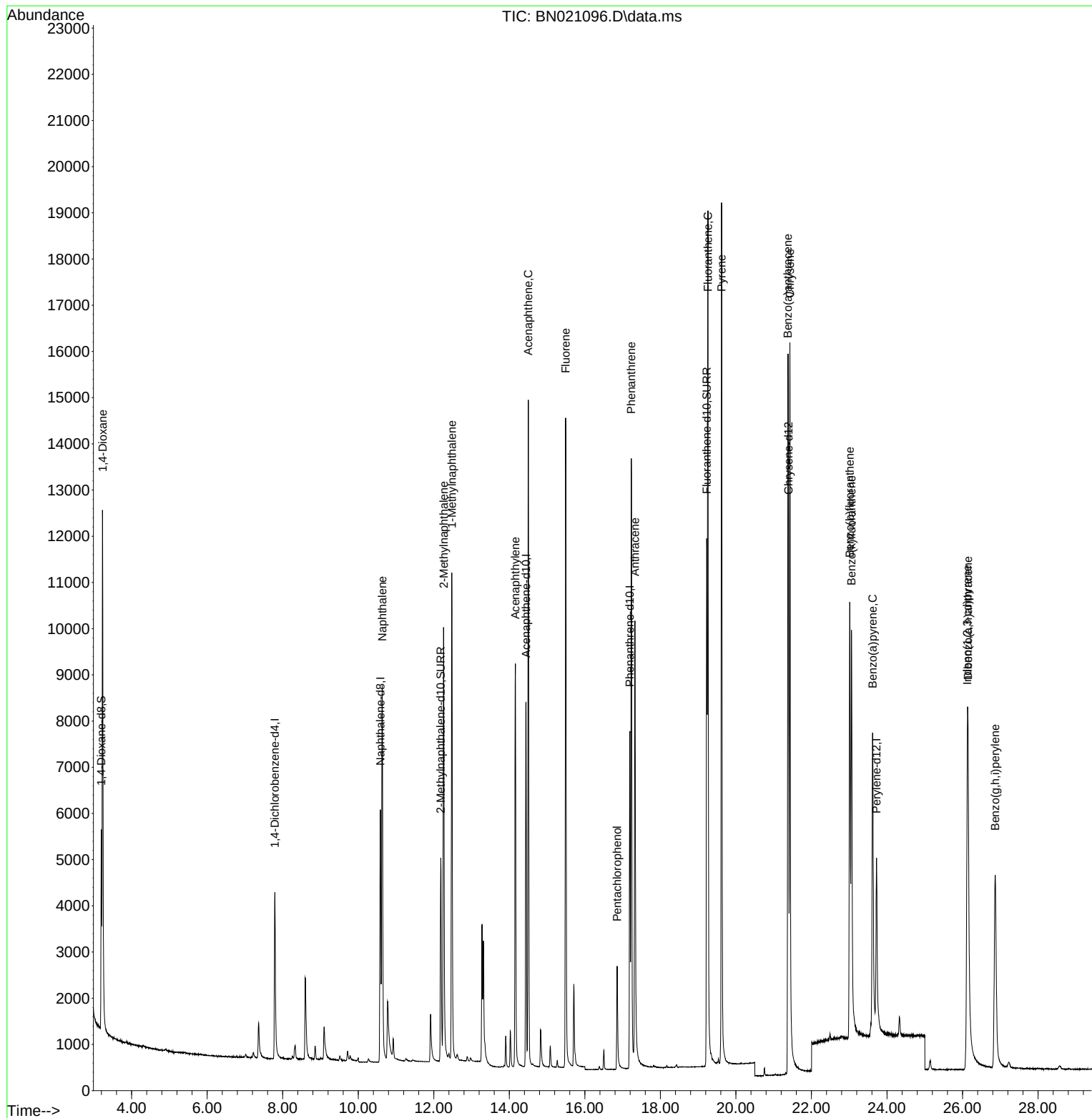
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	2407	0.400	ng/ul	0.01
4) Naphthalene-d8	10.585	136	8205	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.443	164	4694	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.193	188	9190	0.400	ng/ul	0.00
17) Chrysene-d12	21.392	240	7519	0.400	ng/ul	-0.01
23) Perylene-d12	23.725	264	5758	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.198	96	2897	0.941	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.186	152	6569	0.546	ng/ul	0.00
18) Fluoranthene-d10	19.226	212	13446	0.579	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.232	88	7528	2.373	ng/ul#	85
5) Naphthalene	10.635	128	12443	0.494	ng/ul	98
7) 2-Methylnaphthalene	12.263	142	7835	0.512	ng/ul	99
8) 1-Methylnaphthalene	12.477	142	7866	0.514	ng/ul	100
10) Acenaphthylene	14.161	152	11196	0.510	ng/ul	99
11) Acenaphthene	14.503	153	8737	0.481	ng/ul	98
12) Fluorene	15.493	166	9691	0.488	ng/ul	100
14) Pentachlorophenol	16.855	266	1824	1.287	ng/ul	99
15) Phenanthrene	17.231	178	15478	0.471	ng/ul	99
16) Anthracene	17.328	178	13195	0.518	ng/ul	99
19) Fluoranthene	19.259	202	17199	0.517	ng/ul	99
20) Pyrene	19.621	202	17678	0.515	ng/ul	98
21) Benzo(a)anthracene	21.378	228	13188	0.538	ng/ul	99
22) Chrysene	21.430	228	14921	0.462	ng/ul	100
24) Benzo(b)fluoranthene	23.014	252	13250	0.497	ng/ul	100
25) Benzo(k)fluoranthene	23.061	252	13272	0.472	ng/ul	99
26) Benzo(a)pyrene	23.619	252	12022	0.494	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.129	276	12100	0.417	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.145	278	9657	0.421	ng/ul	97
29) Benzo(g,h,i)perylene	26.867	276	10653	0.411	ng/ul	99

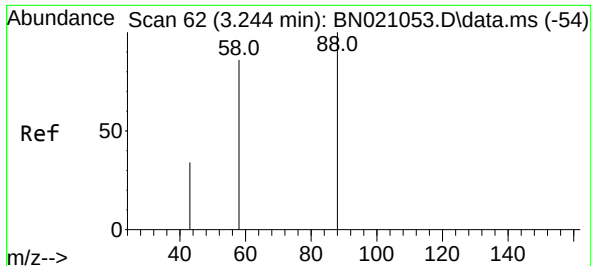
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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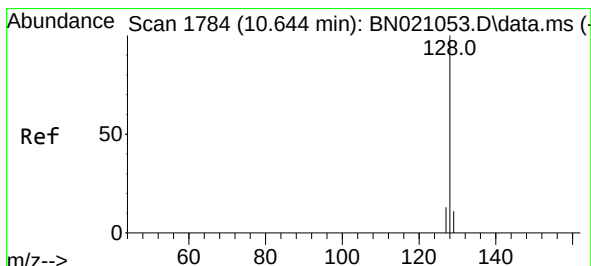
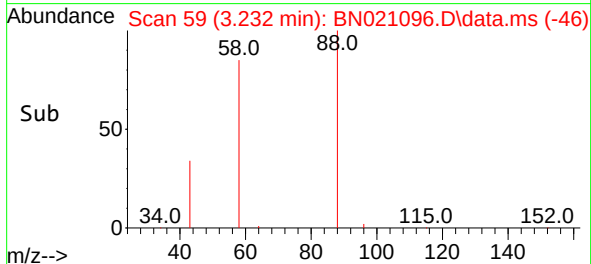
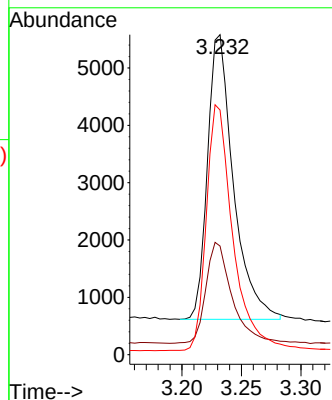
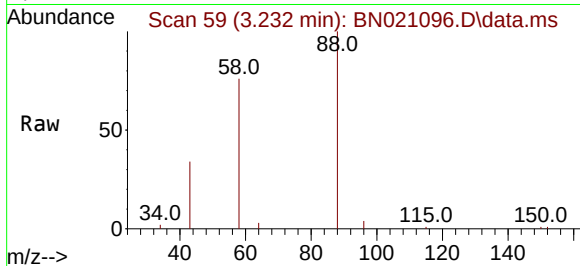




#2
1,4-Dioxane
Concen: 2.373 ng/ul
RT: 3.232 min Scan# 51
Delta R.T. 0.004 min
Lab File: BN021096.D
Acq: 09 Aug 2022 21:54

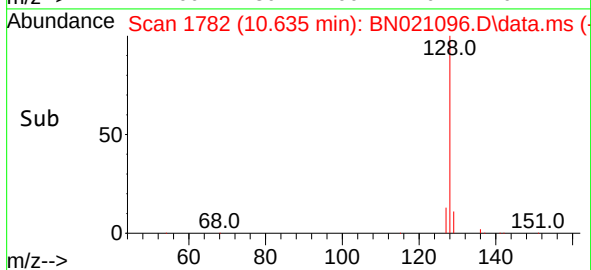
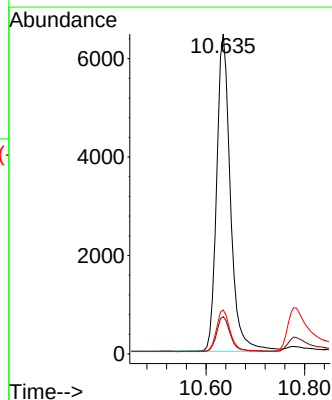
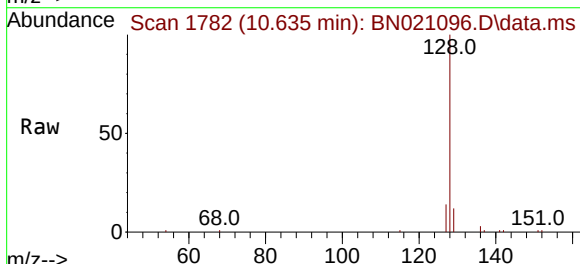
Instrument :
BNA_N
ClientSampleId :

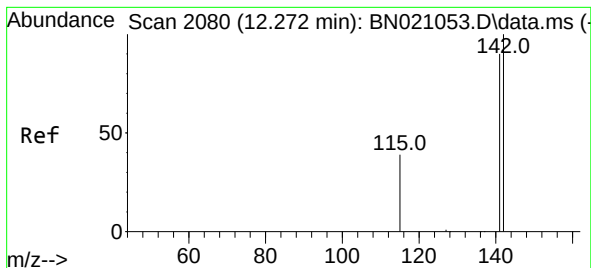
Tgt Ion: 88 Resp: 7528
Ion Ratio Lower Upper
88 100
43 34.0 31.4 47.0
58 76.5 49.0 73.6#



#5
Naphthalene
Concen: 0.494 ng/ul
RT: 10.635 min Scan# 1782
Delta R.T. 0.007 min
Lab File: BN021096.D
Acq: 09 Aug 2022 21:54

Tgt Ion:128 Resp: 12443
Ion Ratio Lower Upper
128 100
129 11.6 9.8 14.6
127 13.8 11.6 17.4

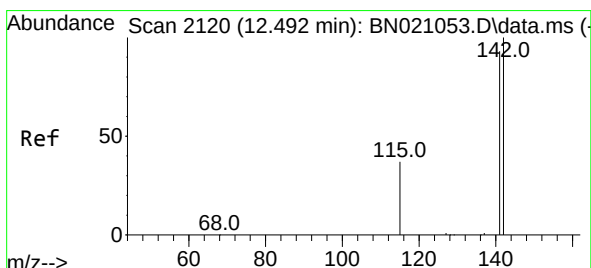
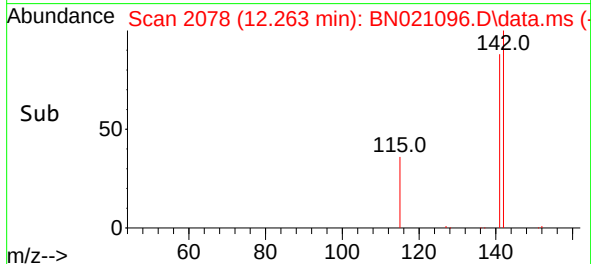
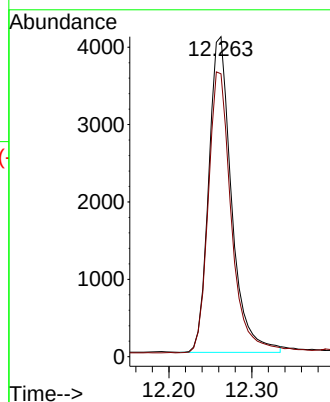
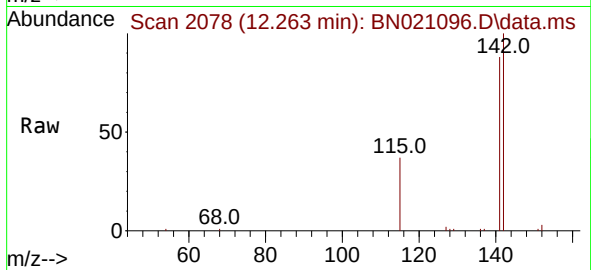




#7
2-Methylnaphthalene
Concen: 0.512 ng/ul
RT: 12.263 min Scan# 2080
Delta R.T. 0.012 min
Lab File: BN021096.D
Acq: 09 Aug 2022 21:54

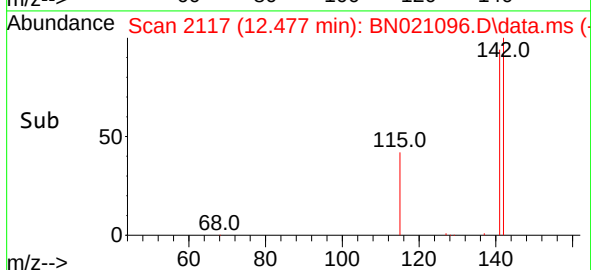
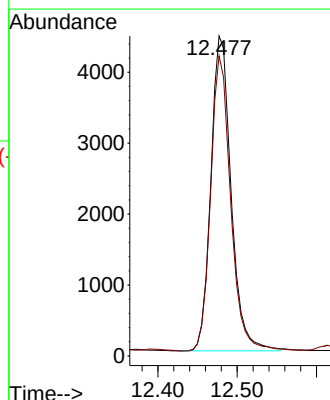
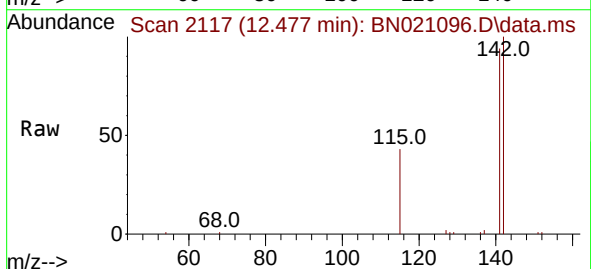
Instrument :
BNA_N
ClientSampleId :

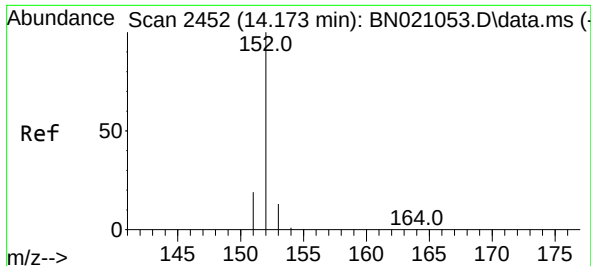
Tgt Ion:142 Resp: 7835
Ion Ratio Lower Upper
142 100
141 89.4 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.514 ng/ul
RT: 12.477 min Scan# 2117
Delta R.T. 0.007 min
Lab File: BN021096.D
Acq: 09 Aug 2022 21:54

Tgt Ion:142 Resp: 7866
Ion Ratio Lower Upper
142 100
141 92.6 73.9 110.9

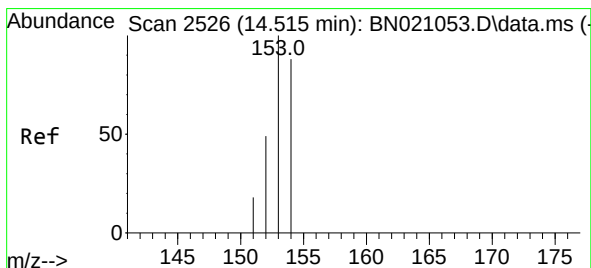
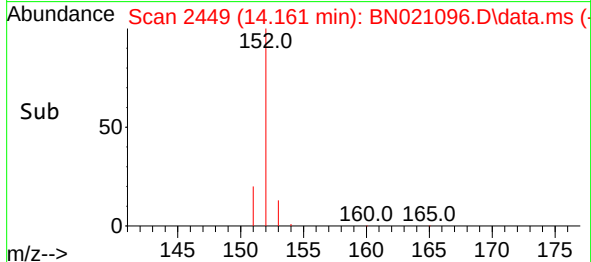
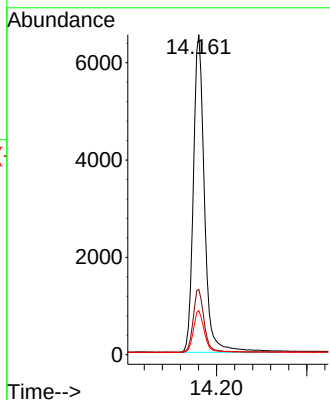
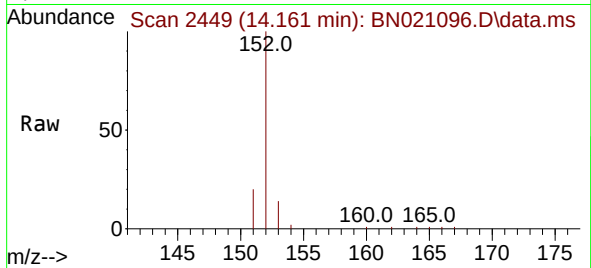




#10
Acenaphthylene
Concen: 0.510 ng/u1
RT: 14.161 min Scan# 2452
Delta R.T. 0.006 min
Lab File: BN021096.D
Acq: 09 Aug 2022 21:54

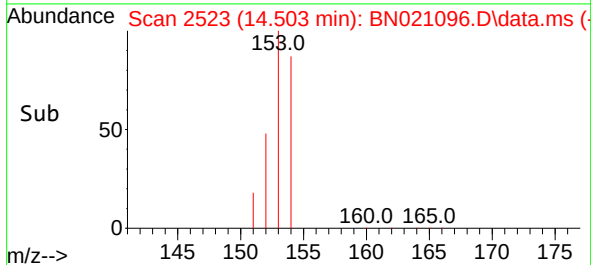
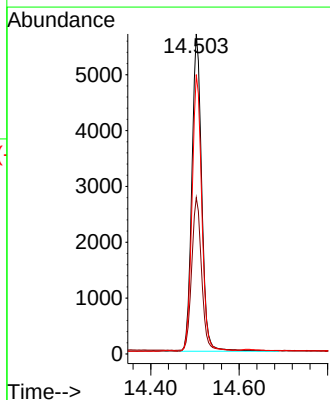
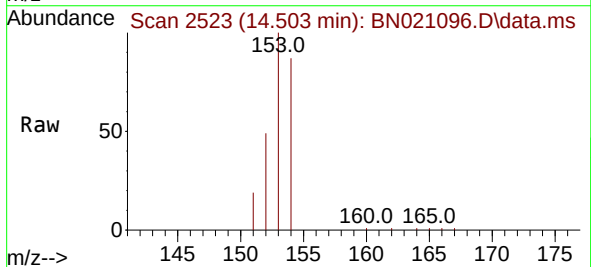
Instrument :
BNA_N
ClientSampleId :

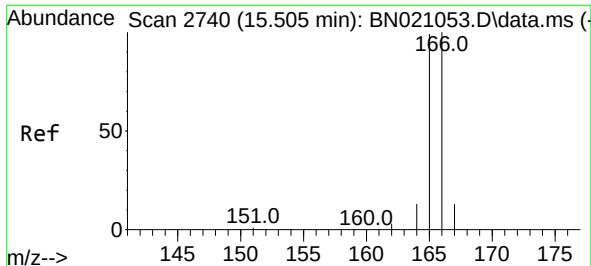
Tgt Ion:152 Resp: 11196
Ion Ratio Lower Upper
152 100
151 20.4 16.9 25.3
153 13.7 11.2 16.8



#11
Acenaphthene
Concen: 0.481 ng/u1
RT: 14.503 min Scan# 2523
Delta R.T. 0.001 min
Lab File: BN021096.D
Acq: 09 Aug 2022 21:54

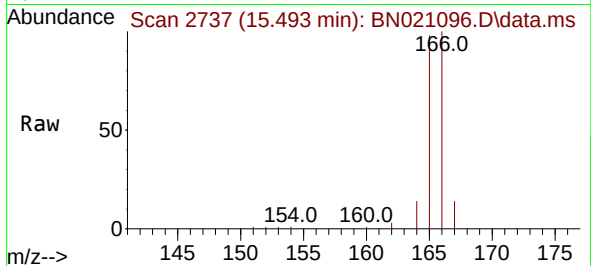
Tgt Ion:153 Resp: 8737
Ion Ratio Lower Upper
153 100
152 48.9 40.2 60.4
154 87.3 70.7 106.1



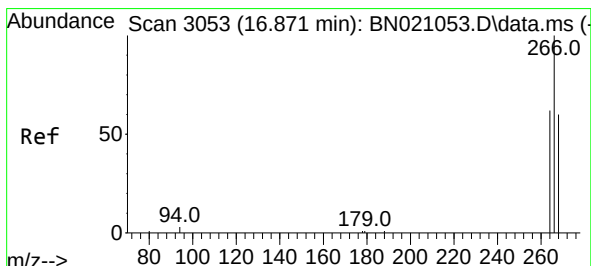
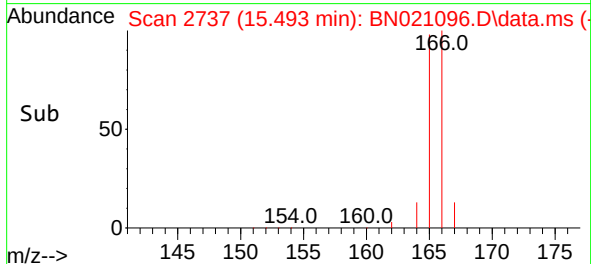
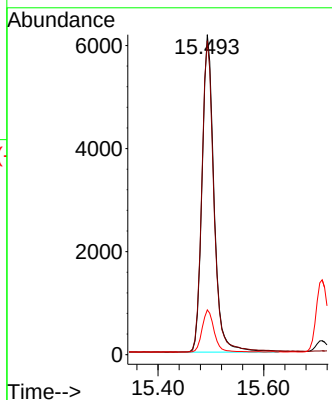


#12
 Fluorene
 Concen: 0.488 ng/ul
 RT: 15.493 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BN021096.D
 Acq: 09 Aug 2022 21:54

Instrument :
 BNA_N
 ClientSampleId :

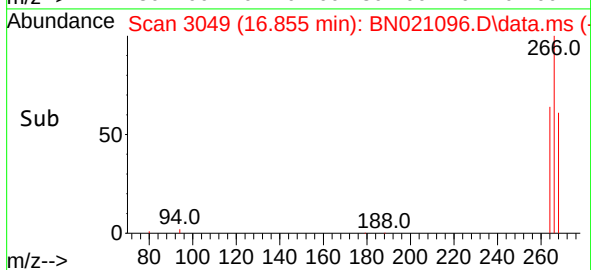
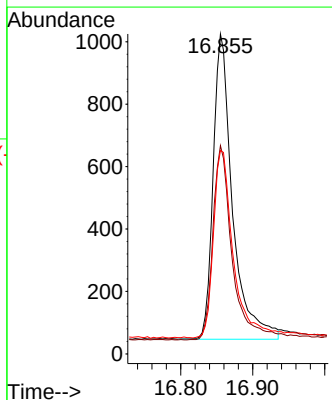
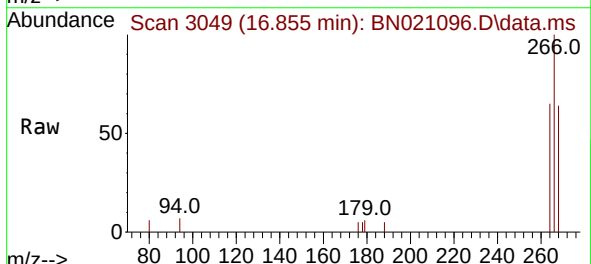


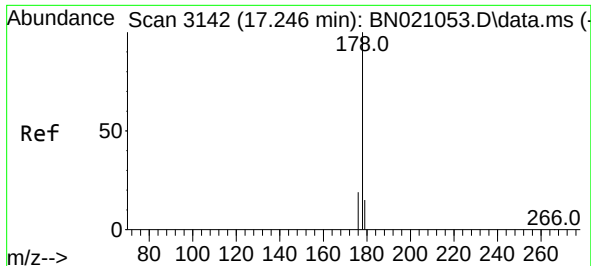
Tgt Ion:166 Resp: 9691
 Ion Ratio Lower Upper
 166 100
 165 98.1 78.6 117.8
 167 14.0 11.8 17.6



#14
 Pentachlorophenol
 Concen: 1.287 ng/ul
 RT: 16.855 min Scan# 3049
 Delta R.T. 0.001 min
 Lab File: BN021096.D
 Acq: 09 Aug 2022 21:54

Tgt Ion:266 Resp: 1824
 Ion Ratio Lower Upper
 266 100
 264 63.3 49.8 74.8
 268 63.4 50.6 75.8

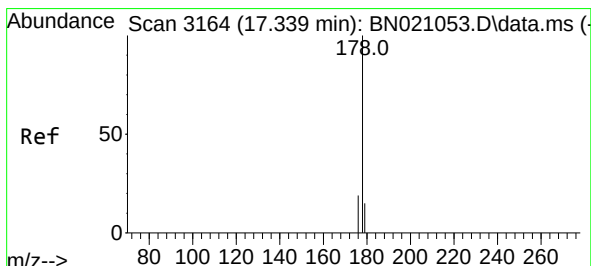
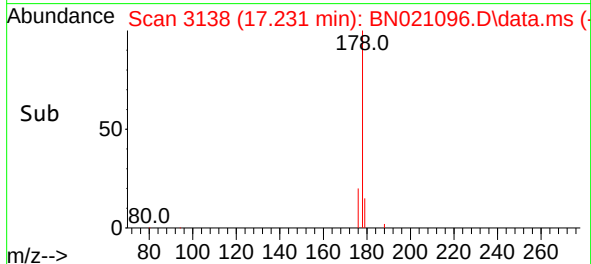
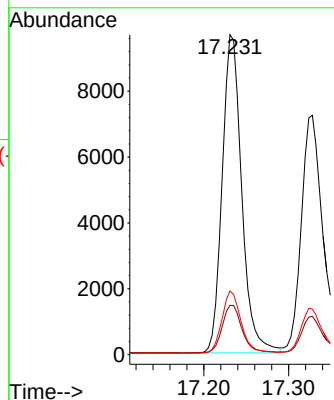
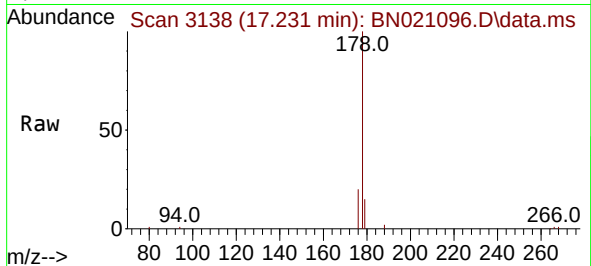




#15
Phenanthrene
Concen: 0.471 ng/ul
RT: 17.231 min Scan# 3142
Delta R.T. 0.001 min
Lab File: BN021096.D
Acq: 09 Aug 2022 21:54

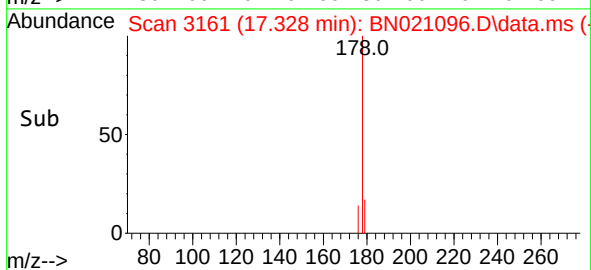
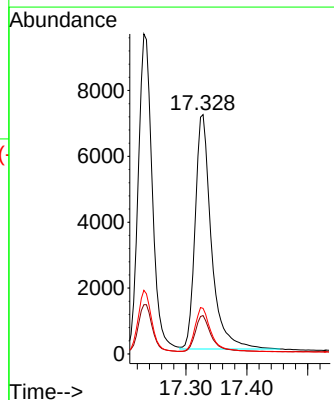
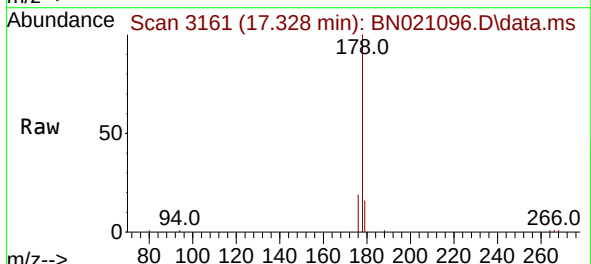
Instrument :
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ClientSampleId :

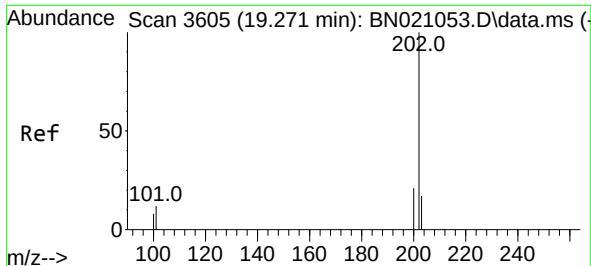
Tgt Ion:178 Resp: 15478
Ion Ratio Lower Upper
178 100
179 15.4 12.8 19.2
176 19.9 15.9 23.9



#16
Anthracene
Concen: 0.518 ng/ul
RT: 17.328 min Scan# 3161
Delta R.T. 0.005 min
Lab File: BN021096.D
Acq: 09 Aug 2022 21:54

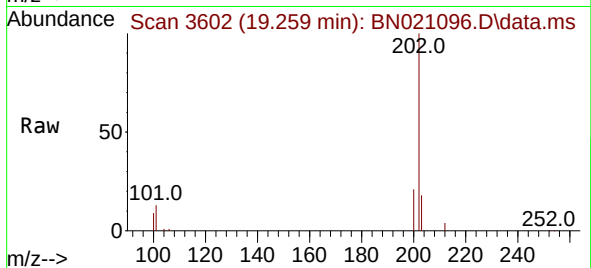
Tgt Ion:178 Resp: 13195
Ion Ratio Lower Upper
178 100
179 16.0 12.9 19.3
176 19.0 15.9 23.9



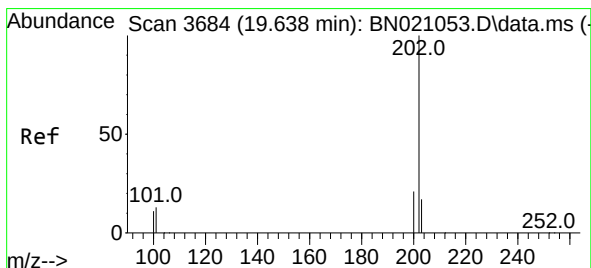
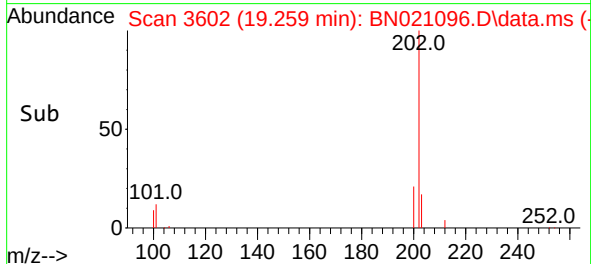
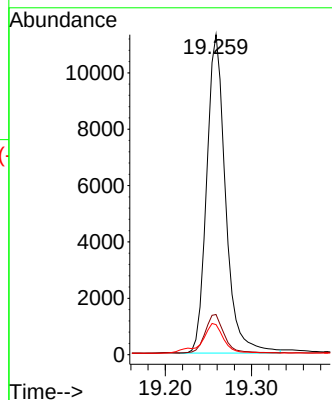


#19
Fluoranthene
Concen: 0.517 ng/ul
RT: 19.259 min Scan# 3602
Delta R.T. -0.003 min
Lab File: BN021096.D
Acq: 09 Aug 2022 21:54

Instrument :
BNA_N
ClientSampleId :

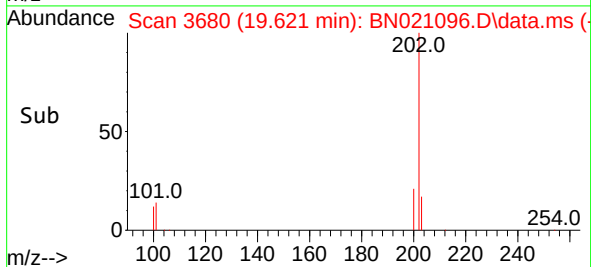
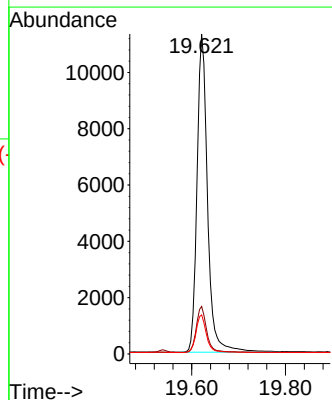
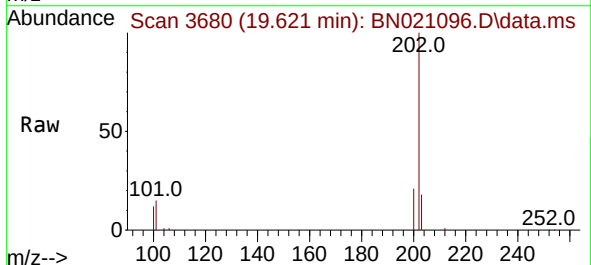


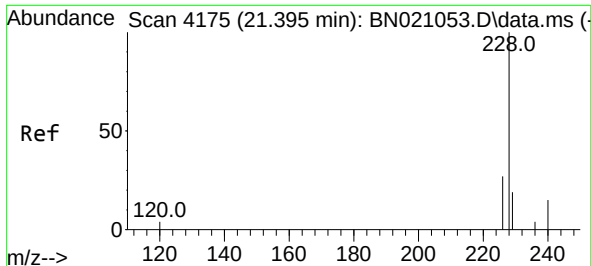
Tgt Ion:202 Resp: 17199
Ion Ratio Lower Upper
202 100
101 12.6 10.0 15.0
100 9.4 8.0 12.0



#20
Pyrene
Concen: 0.515 ng/ul
RT: 19.621 min Scan# 3680
Delta R.T. -0.003 min
Lab File: BN021096.D
Acq: 09 Aug 2022 21:54

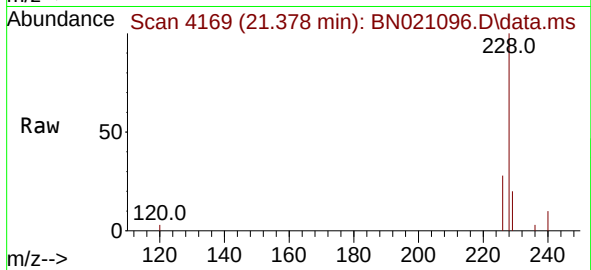
Tgt Ion:202 Resp: 17678
Ion Ratio Lower Upper
202 100
101 14.9 11.3 16.9
100 12.2 9.0 13.4



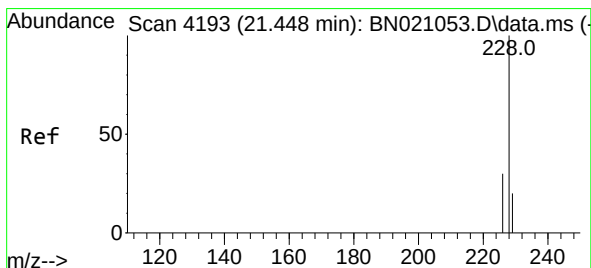
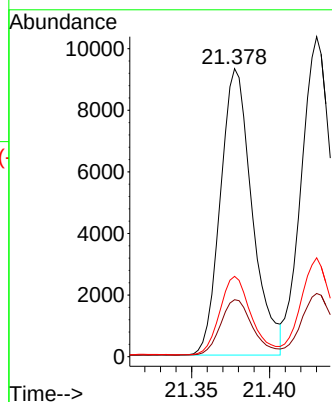
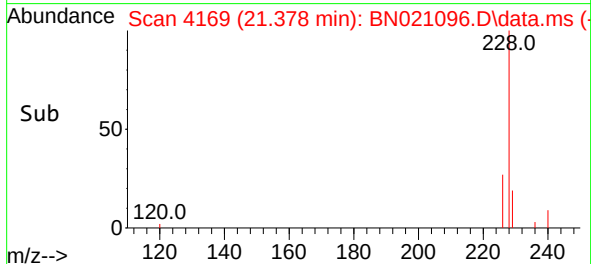


#21
Benzo(a)anthracene
Concen: 0.538 ng/ul
RT: 21.378 min Scan# 4187
Delta R.T. -0.009 min
Lab File: BN021096.D
Acq: 09 Aug 2022 21:54

Instrument :
BNA_N
ClientSampleId :

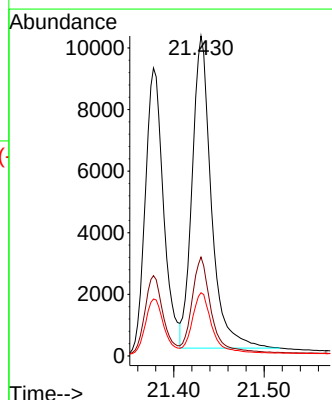
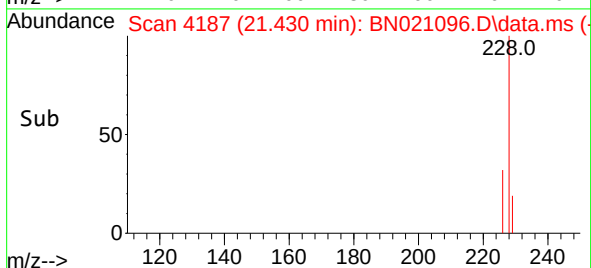
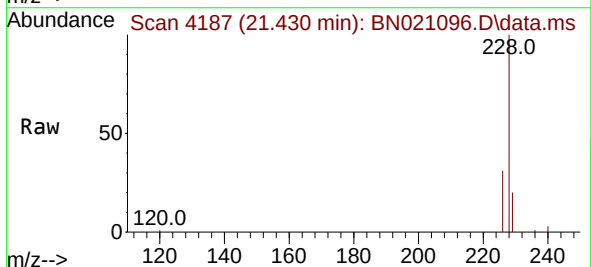


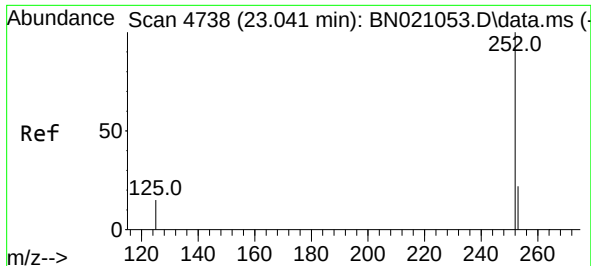
Tgt Ion:228 Resp: 13188
Ion Ratio Lower Upper
228 100
229 19.8 16.0 24.0
226 27.9 21.9 32.9



#22
Chrysene
Concen: 0.462 ng/ul
RT: 21.430 min Scan# 4187
Delta R.T. -0.012 min
Lab File: BN021096.D
Acq: 09 Aug 2022 21:54

Tgt Ion:228 Resp: 14921
Ion Ratio Lower Upper
228 100
226 30.9 24.6 37.0
229 19.7 15.8 23.8





#24

Benzo(b)fluoranthene

Concen: 0.497 ng/ul

RT: 23.014 min Scan# 4729

Delta R.T. -0.015 min

Lab File: BN021096.D

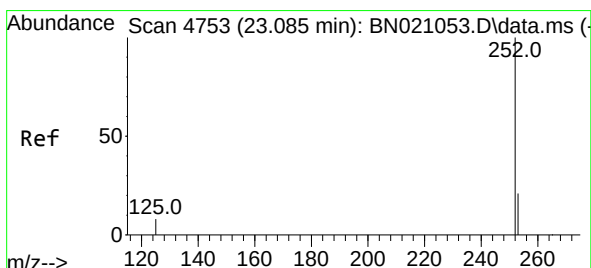
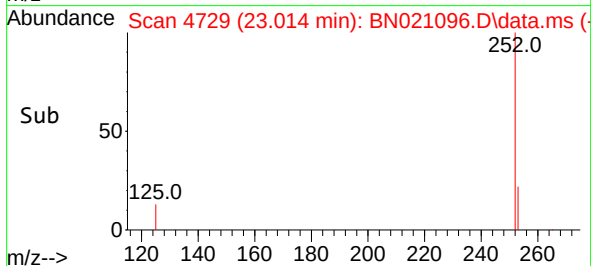
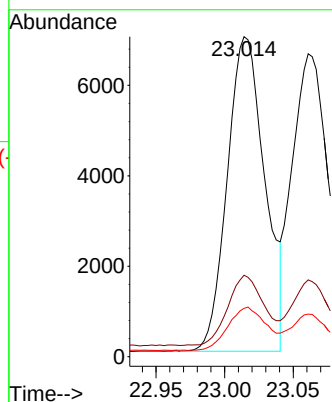
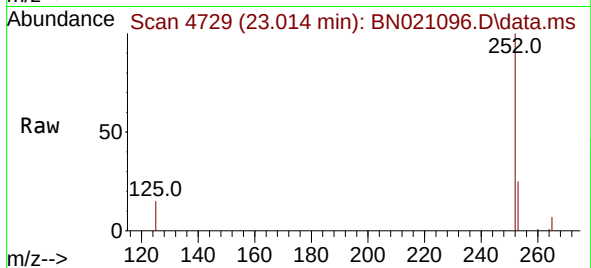
Acq: 09 Aug 2022 21:54

Instrument :

BNA_N

ClientSampleId :

Tgt Ion:252	Resp:	13250
Ion Ratio	Lower	Upper
252	100	
253	25.4	0.0 50.8
125	15.1	0.0 30.0



#25

Benzo(k)fluoranthene

Concen: 0.472 ng/ul

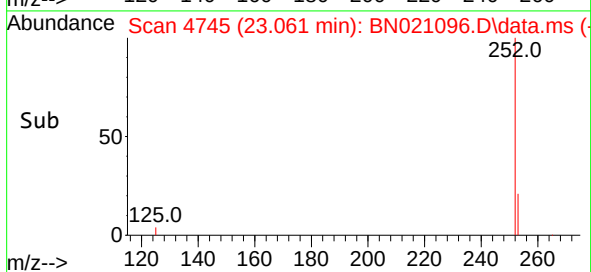
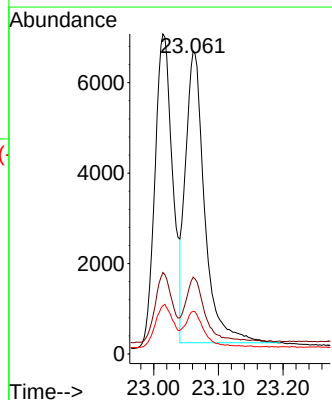
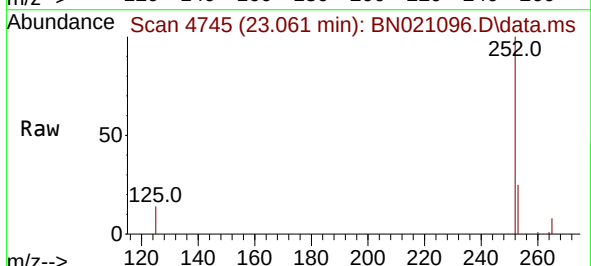
RT: 23.061 min Scan# 4745

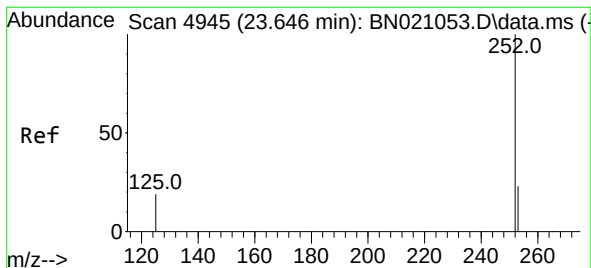
Delta R.T. -0.015 min

Lab File: BN021096.D

Acq: 09 Aug 2022 21:54

Tgt Ion:252	Resp:	13272
Ion Ratio	Lower	Upper
252	100	
253	25.4	20.6 31.0
125	14.1	11.8 17.6





#26

Benzo(a)pyrene

Concen: 0.494 ng/ul

RT: 23.619 min Scan# 4936

Delta R.T. -0.015 min

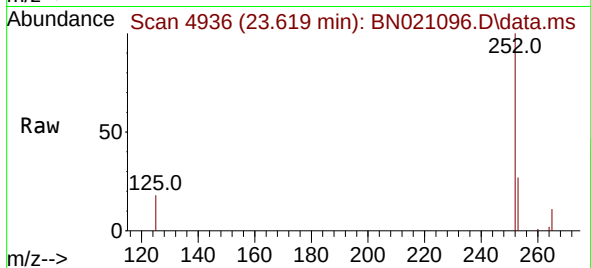
Lab File: BN021096.D

Acq: 09 Aug 2022 21:54

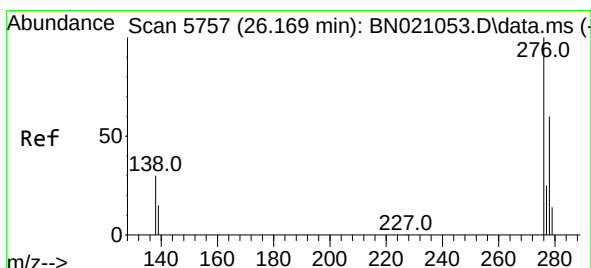
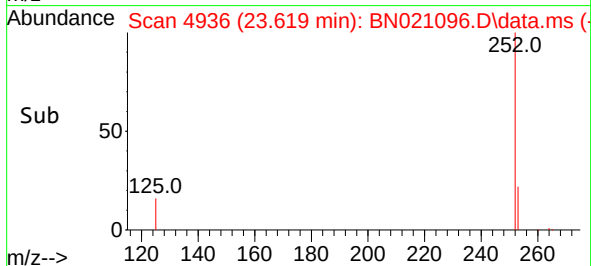
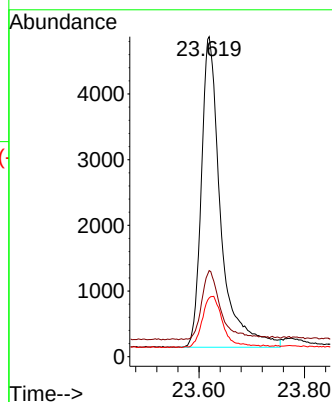
Instrument :

BNA_N

ClientSampleId :



Tgt Ion:	252	Resp:	12022
Ion Ratio	Lower	Upper	
252	100		
253	26.9	22.1	33.1
125	18.3	14.7	22.1



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.417 ng/ul

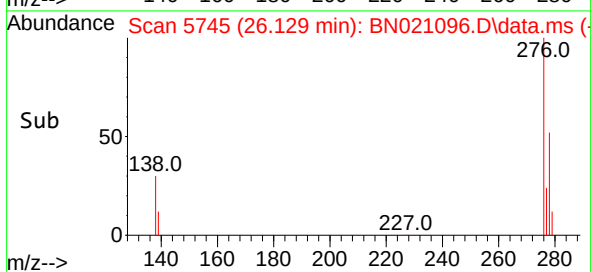
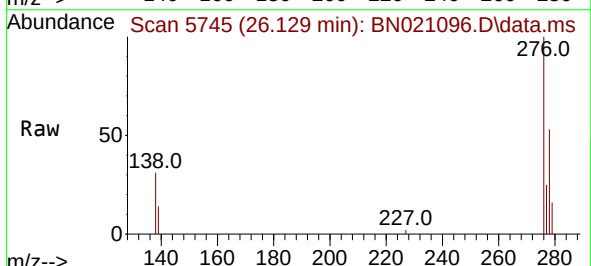
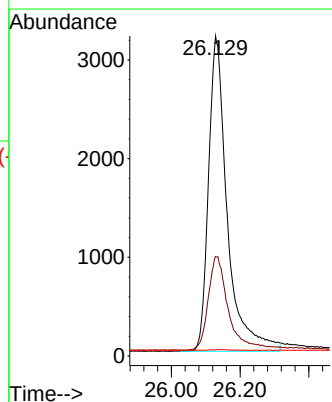
RT: 26.129 min Scan# 5745

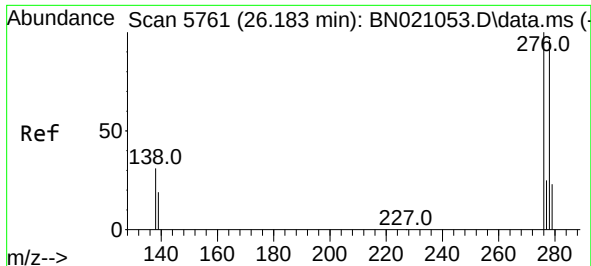
Delta R.T. -0.021 min

Lab File: BN021096.D

Acq: 09 Aug 2022 21:54

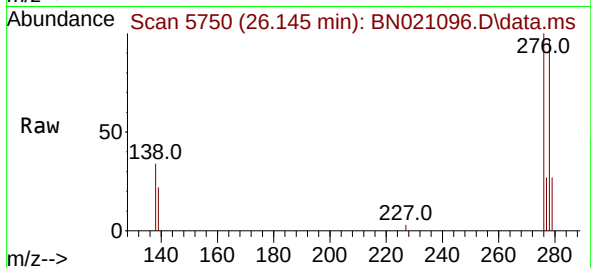
Tgt Ion:	276	Resp:	12100
Ion Ratio	Lower	Upper	
276	100		
138	32.4	26.1	39.1
227	0.1	0.1	0.1



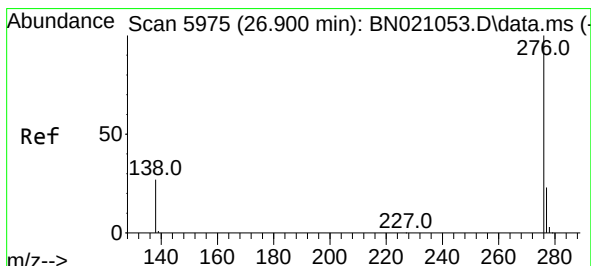
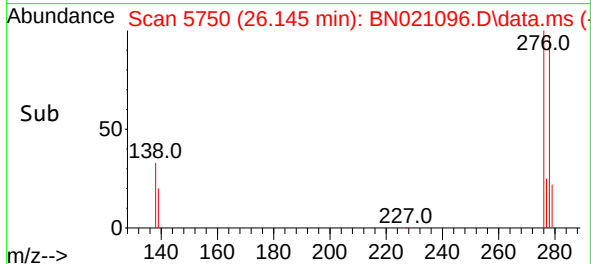
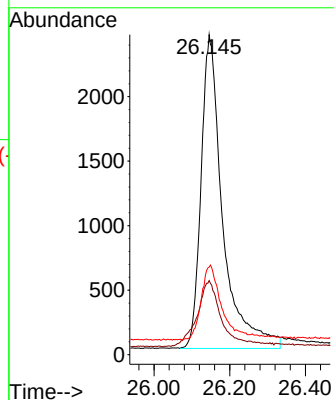


#28
 Dibenzo(a,h)anthracene
 Concen: 0.421 ng/ul
 RT: 26.145 min Scan# 51
 Delta R.T. -0.021 min
 Lab File: BN021096.D
 Acq: 09 Aug 2022 21:54

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:278 Resp: 9657
 Ion Ratio Lower Upper
 278 100
 139 23.1 18.3 27.5
 279 27.4 23.9 35.9



#29
 Benzo(g,h,i)perylene
 Concen: 0.411 ng/ul
 RT: 26.867 min Scan# 5965
 Delta R.T. -0.021 min
 Lab File: BN021096.D
 Acq: 09 Aug 2022 21:54

Tgt Ion:276 Resp: 10653
 Ion Ratio Lower Upper
 276 100
 138 27.7 22.6 34.0
 277 24.7 20.2 30.2

