

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080823\
 Data File : BN026839.D
 Acq On : 08 Aug 2023 08:43
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 09 00:52:20 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 03:46:36 2023
 Response via : Initial Calibration

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

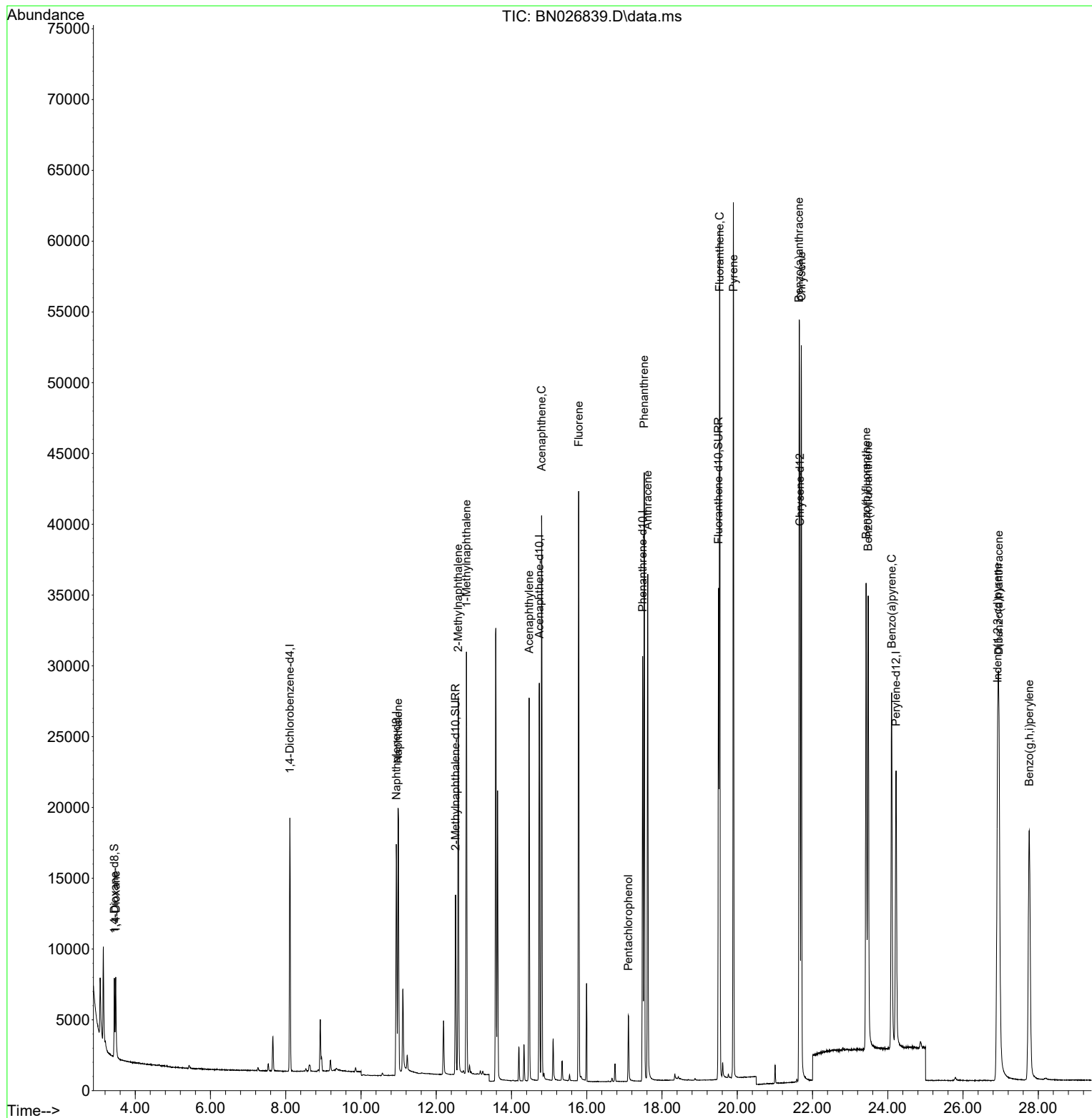
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.110	152	8970	0.400	ng/ul	0.00
4) Naphthalene-d8	10.938	136	23921	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.740	164	15425	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.485	188	35017	0.400	ng/ul	0.00
17) Chrysene-d12	21.665	240	29733	0.400	ng/ul	0.00
23) Perylene-d12	24.220	264	30514	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.443	96	4178	0.392	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.511	152	16534	0.470	ng/ul	0.00
18) Fluoranthene-d10	19.501	212	39545	0.421	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.481	88	4096	0.377	ng/ul	93
5) Naphthalene	10.988	128	26550	0.393	ng/ul	100
7) 2-Methylnaphthalene	12.583	142	19307	0.472	ng/ul	99
8) 1-Methylnaphthalene	12.803	142	20240	0.472	ng/ul	100
10) Acenaphthylene	14.467	152	29970	0.347	ng/ul	99
11) Acenaphthene	14.800	153	22877	0.383	ng/ul	98
12) Fluorene	15.785	166	26411	0.390	ng/ul	98
14) Pentachlorophenol	17.105	266	3317	0.335	ng/ul	99
15) Phenanthrene	17.527	178	43733	0.380	ng/ul	99
16) Anthracene	17.620	178	38494	0.370	ng/ul	99
19) Fluoranthene	19.534	202	51098	0.414	ng/ul	99
20) Pyrene	19.896	202	52803	0.401	ng/ul	98
21) Benzo(a)anthracene	21.644	228	45702	0.386	ng/ul	100
22) Chrysene	21.703	228	47047	0.403	ng/ul	100
24) Benzo(b)fluoranthene	23.424	252	49405	0.428	ng/ul	99
25) Benzo(k)fluoranthene	23.477	252	47939	0.421	ng/ul	99
26) Benzo(a)pyrene	24.103	252	43487	0.418	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.918	276	55036	0.404	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.952	278	43189	0.398	ng/ul	98
29) Benzo(g,h,i)perylene	27.760	276	45244	0.399	ng/ul	99

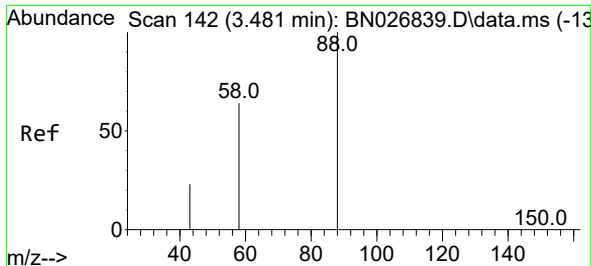
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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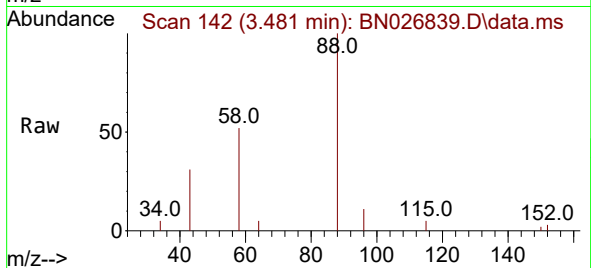
Quant Time: Aug 09 00:52:20 2023
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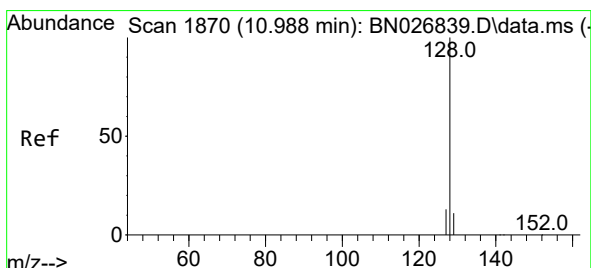
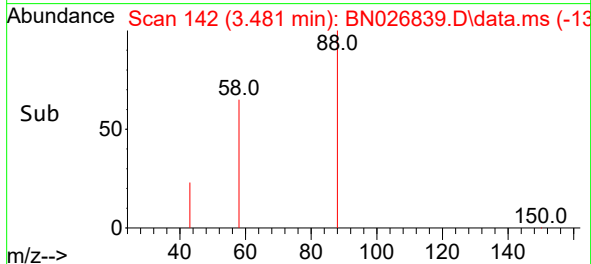
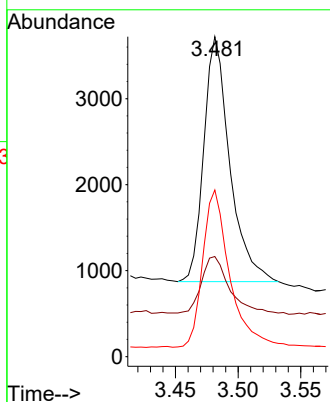


#2
1,4-Dioxane
Concen: 0.377 ng/ul
RT: 3.481 min Scan# 142
Delta R.T. -0.000 min
Lab File: BN026839.D
Acq: 08 Aug 2023 08:43

Instrument :
BNA_N
ClientSampleId :

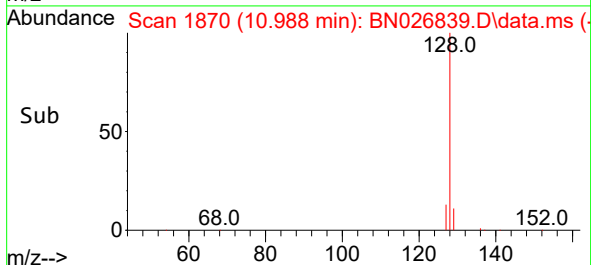
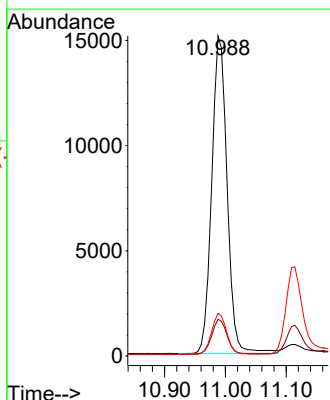
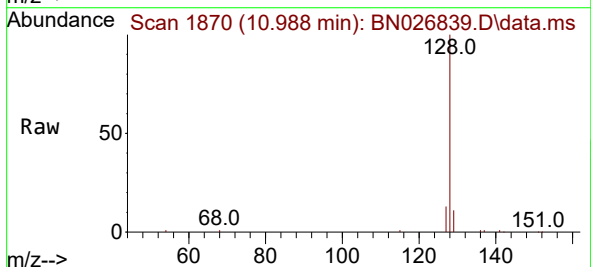


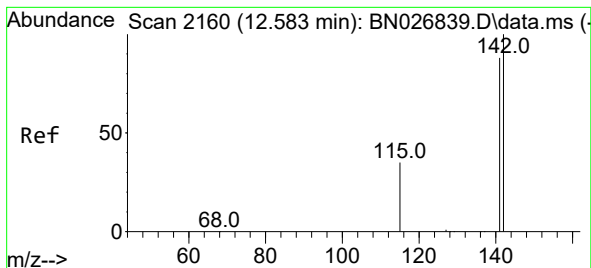
Tgt Ion: 88 Resp: 4096
Ion Ratio Lower Upper
88 100
43 31.3 28.0 42.0
58 52.1 46.0 69.0



#5
Naphthalene
Concen: 0.393 ng/ul
RT: 10.988 min Scan# 1870
Delta R.T. -0.011 min
Lab File: BN026839.D
Acq: 08 Aug 2023 08:43

Tgt Ion: 128 Resp: 26550
Ion Ratio Lower Upper
128 100
129 11.4 9.2 13.8
127 13.3 10.5 15.7

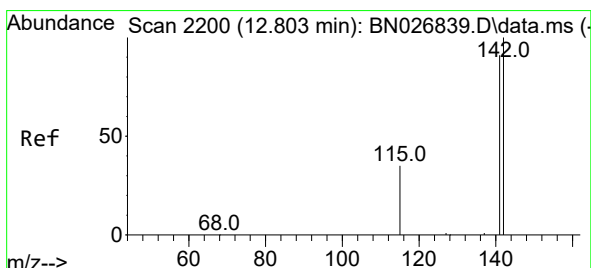
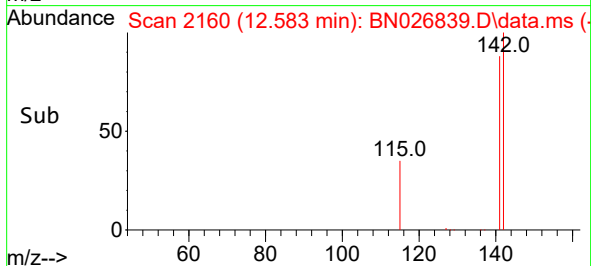
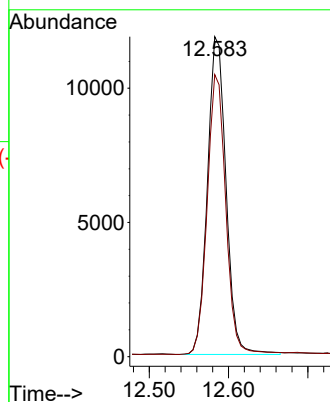
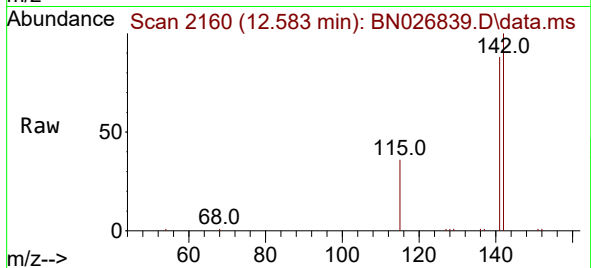




#7
2-Methylnaphthalene
Concen: 0.472 ng/ul
RT: 12.583 min Scan# 2160
Delta R.T. -0.011 min
Lab File: BN026839.D
Acq: 08 Aug 2023 08:43

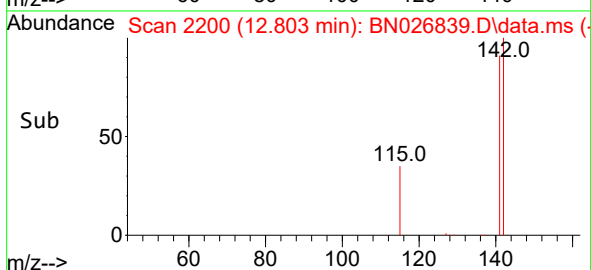
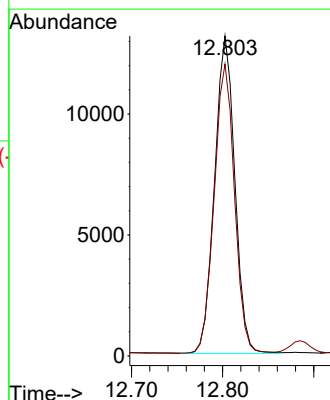
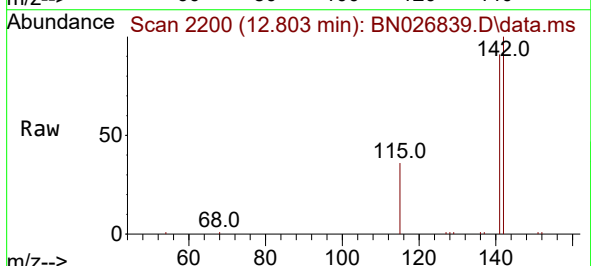
Instrument :
BNA_N
ClientSampleId :

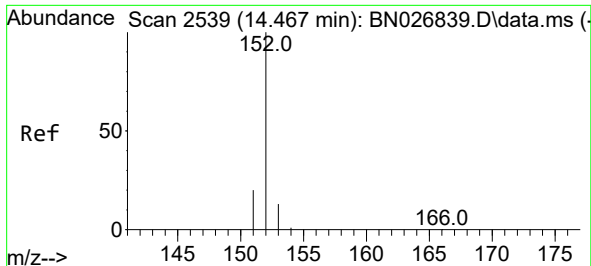
Tgt Ion:142 Resp: 19307
Ion Ratio Lower Upper
142 100
141 88.0 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.472 ng/ul
RT: 12.803 min Scan# 2200
Delta R.T. -0.006 min
Lab File: BN026839.D
Acq: 08 Aug 2023 08:43

Tgt Ion:142 Resp: 20240
Ion Ratio Lower Upper
142 100
141 91.3 73.2 109.8

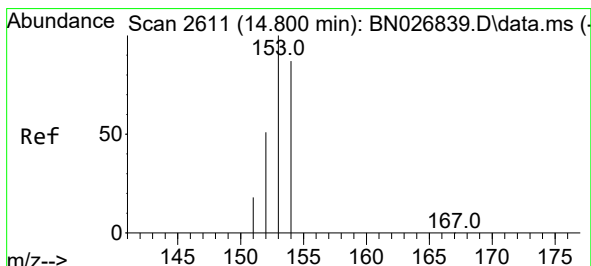
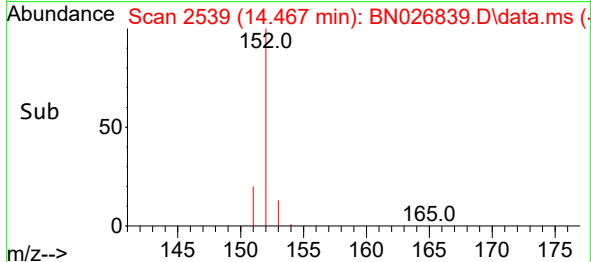
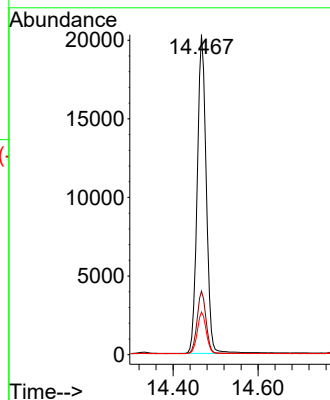
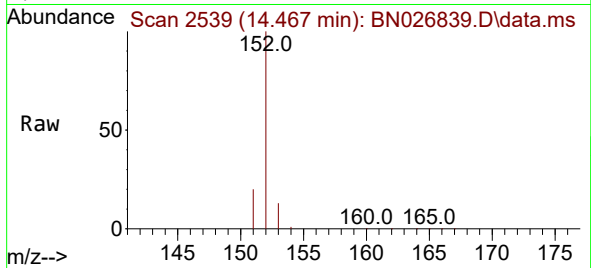




#10
Acenaphthylene
Concen: 0.347 ng/ul
RT: 14.467 min Scan# 2539
Delta R.T. -0.009 min
Lab File: BN026839.D
Acq: 08 Aug 2023 08:43

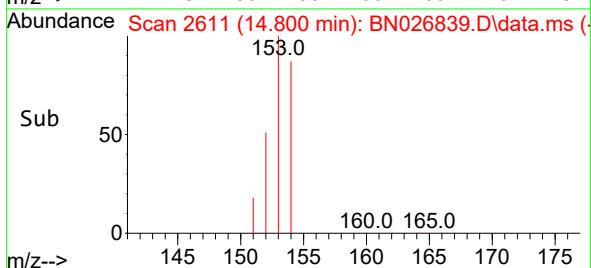
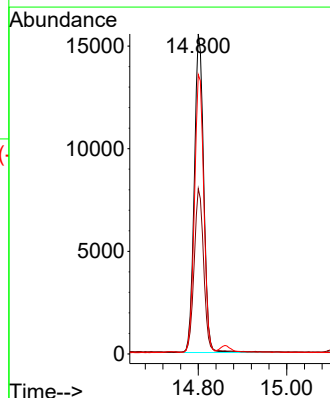
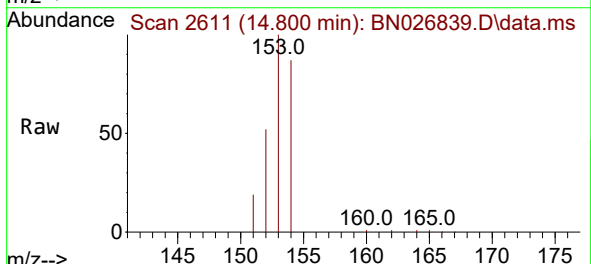
Instrument :
BNA_N
ClientSampleId :

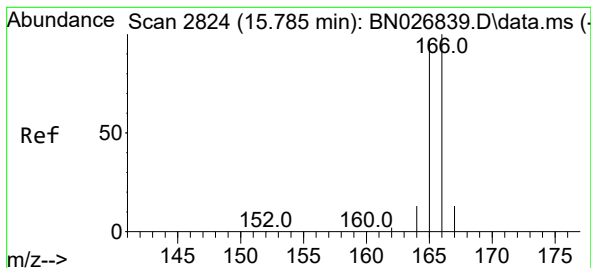
Tgt Ion:152 Resp: 29970
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 13.3 11.0 16.6



#11
Acenaphthene
Concen: 0.383 ng/ul
RT: 14.800 min Scan# 2611
Delta R.T. -0.009 min
Lab File: BN026839.D
Acq: 08 Aug 2023 08:43

Tgt Ion:153 Resp: 22877
Ion Ratio Lower Upper
153 100
152 51.6 41.1 61.7
154 87.3 71.6 107.4





#12

Fluorene

Concen: 0.390 ng/ul

RT: 15.785 min Scan# 21

Delta R.T. -0.005 min

Lab File: BN026839.D

Acq: 08 Aug 2023 08:43

Instrument :

BNA_N

ClientSampleId :

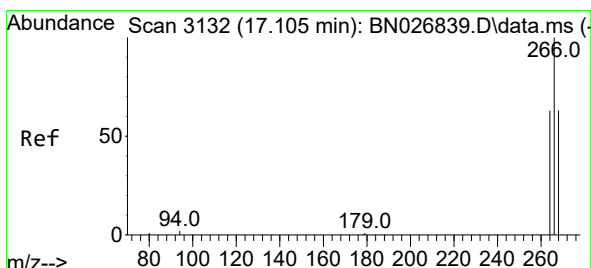
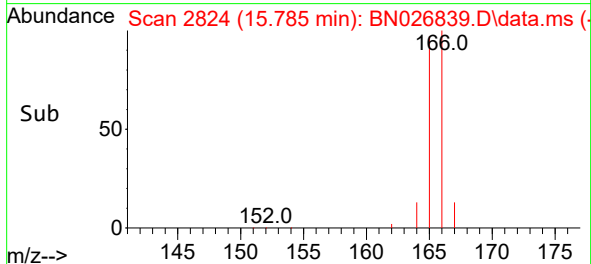
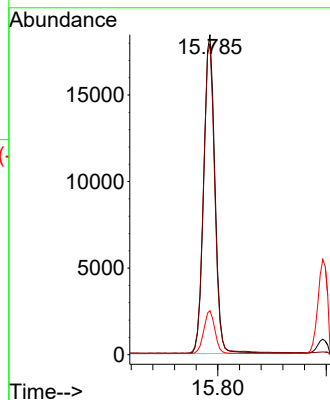
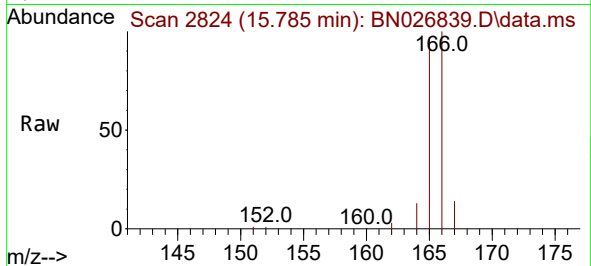
Tgt Ion:166 Resp: 26411

Ion Ratio Lower Upper

166 100

165 97.1 79.1 118.7

167 13.8 11.4 17.0



#14

Pentachlorophenol

Concen: 0.335 ng/ul

RT: 17.105 min Scan# 3132

Delta R.T. -0.008 min

Lab File: BN026839.D

Acq: 08 Aug 2023 08:43

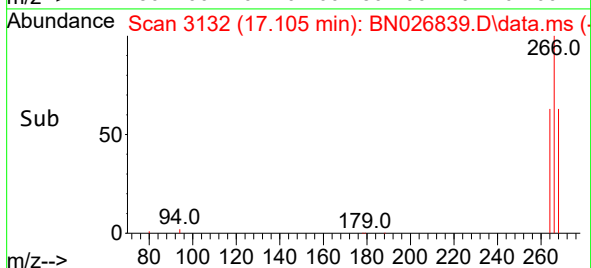
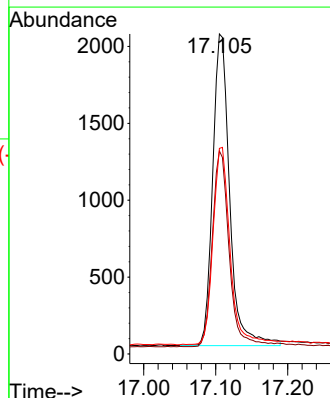
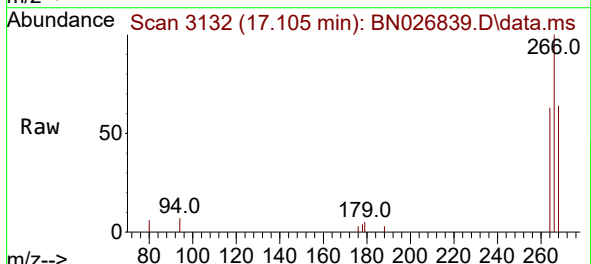
Tgt Ion:266 Resp: 3317

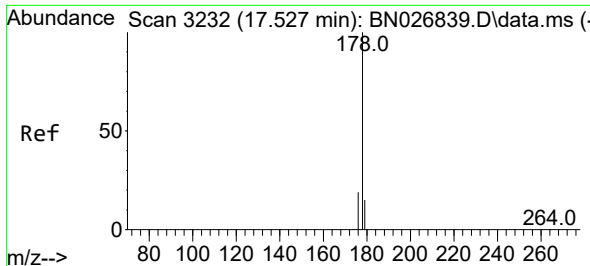
Ion Ratio Lower Upper

266 100

264 62.6 50.4 75.6

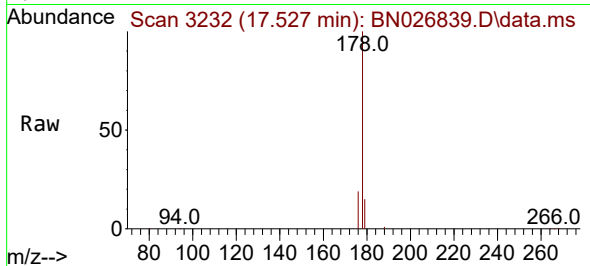
268 63.3 51.2 76.8



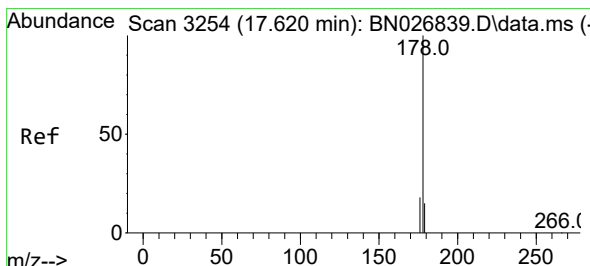
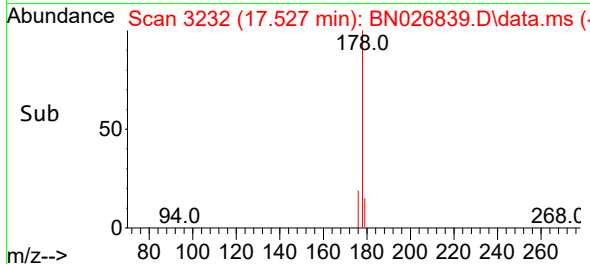
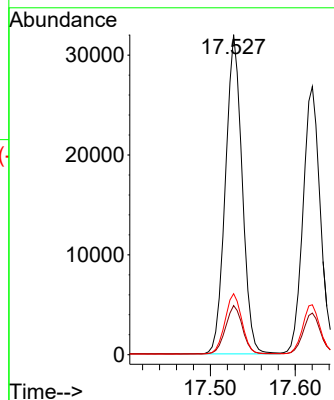


#15
Phenanthrene
Concen: 0.380 ng/ul
RT: 17.527 min Scan# 31
Delta R.T. -0.008 min
Lab File: BN026839.D
Acq: 08 Aug 2023 08:43

Instrument :
BNA_N
ClientSampleId :

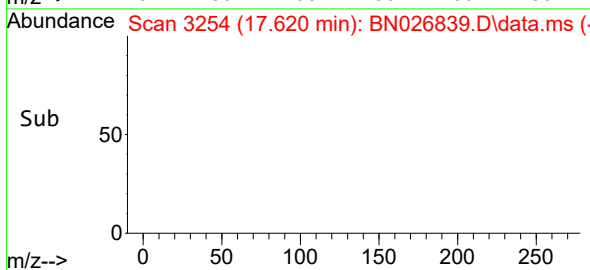
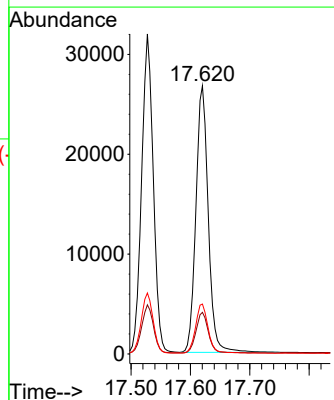
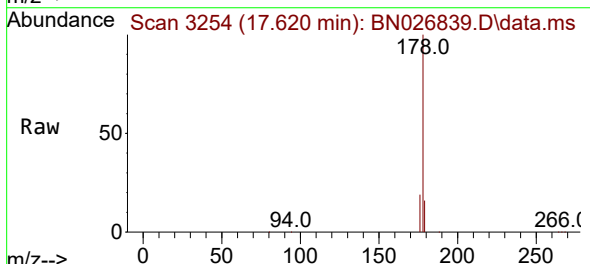


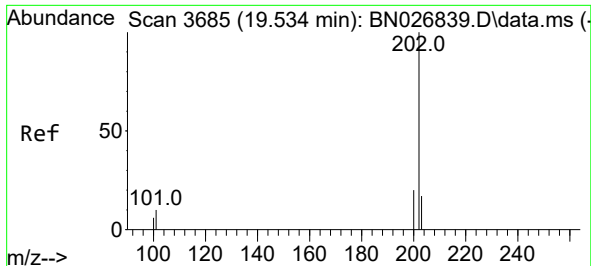
Tgt Ion:178 Resp: 43733
Ion Ratio Lower Upper
178 100
179 15.4 12.6 18.8
176 19.1 15.4 23.2



#16
Anthracene
Concen: 0.370 ng/ul
RT: 17.620 min Scan# 3254
Delta R.T. -0.004 min
Lab File: BN026839.D
Acq: 08 Aug 2023 08:43

Tgt Ion:178 Resp: 38494
Ion Ratio Lower Upper
178 100
179 15.5 12.6 19.0
176 18.6 15.0 22.6

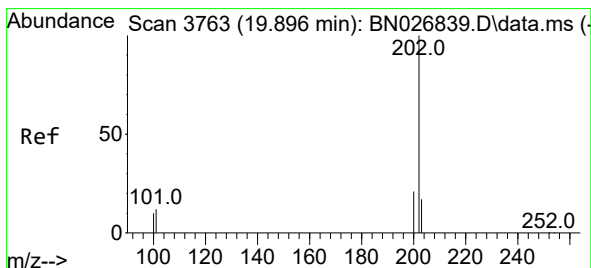
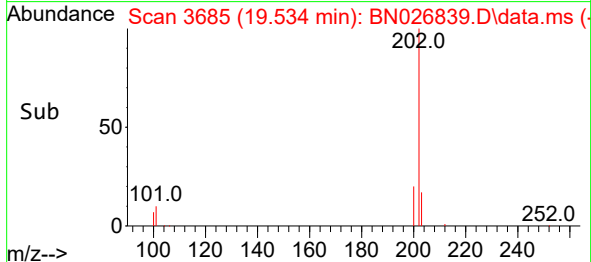
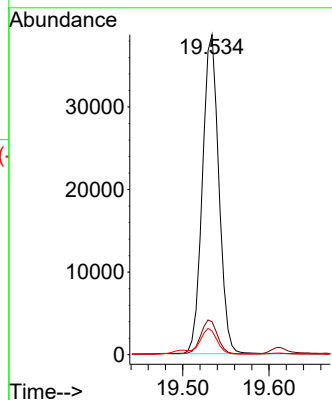
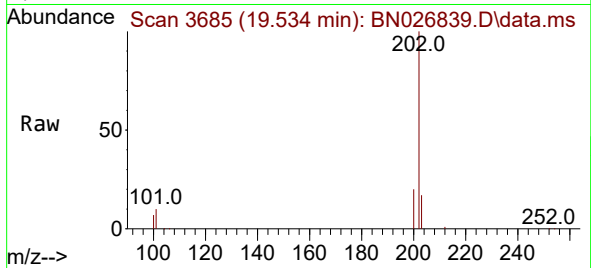




#19
Fluoranthene
Concen: 0.414 ng/ul
RT: 19.534 min Scan# 3685
Delta R.T. -0.005 min
Lab File: BN026839.D
Acq: 08 Aug 2023 08:43

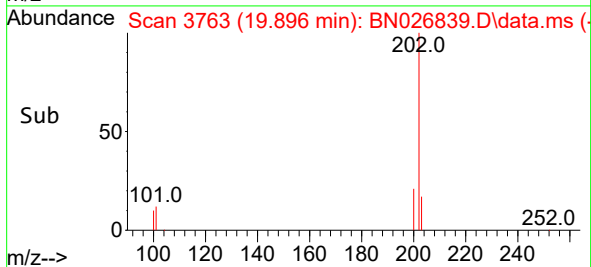
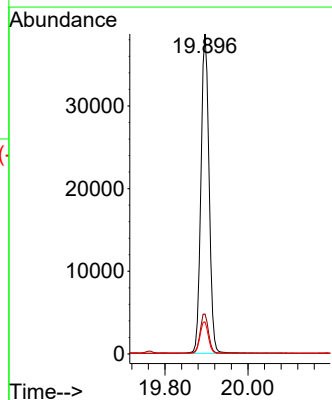
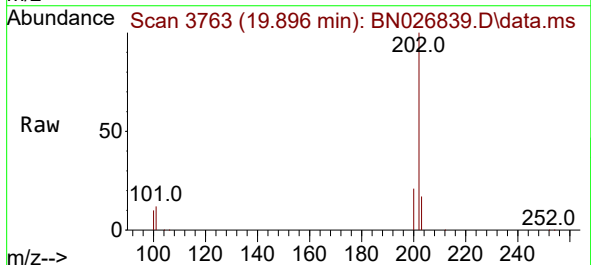
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BNA_N
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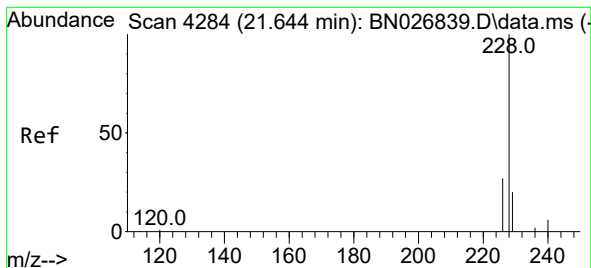
Tgt Ion:202 Resp: 51098
Ion Ratio Lower Upper
202 100
101 10.3 8.3 12.5
100 7.4 6.2 9.2



#20
Pyrene
Concen: 0.401 ng/ul
RT: 19.896 min Scan# 3763
Delta R.T. -0.005 min
Lab File: BN026839.D
Acq: 08 Aug 2023 08:43

Tgt Ion:202 Resp: 52803
Ion Ratio Lower Upper
202 100
101 12.5 10.7 16.1
100 10.0 8.5 12.7





#21

Benzo(a)anthracene

Concen: 0.386 ng/ul

RT: 21.644 min Scan# 4284

Delta R.T. -0.009 min

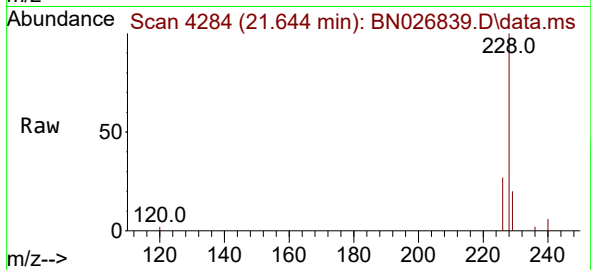
Lab File: BN026839.D

Acq: 08 Aug 2023 08:43

Instrument :

BNA_N

ClientSampleId :



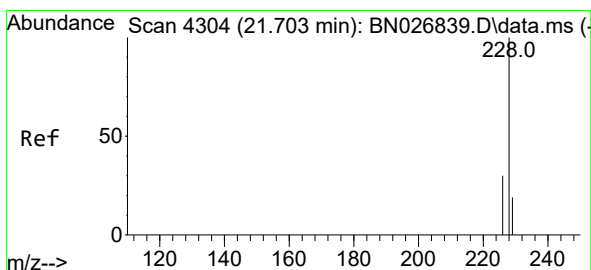
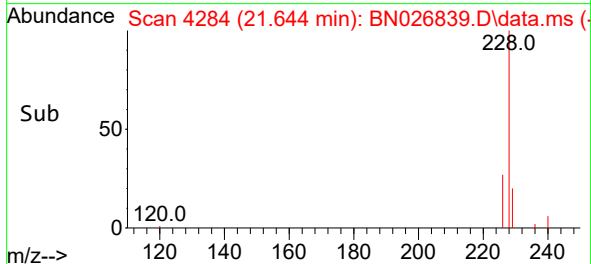
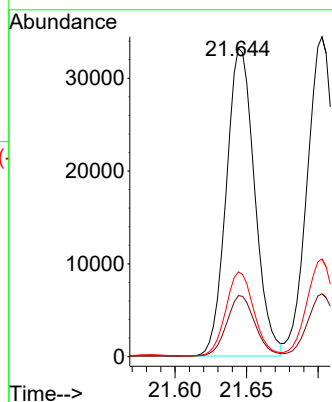
Tgt Ion:228 Resp: 45702

Ion Ratio Lower Upper

228 100

229 19.8 16.0 24.0

226 27.5 22.2 33.2



#22

Chrysene

Concen: 0.403 ng/ul

RT: 21.703 min Scan# 4304

Delta R.T. -0.006 min

Lab File: BN026839.D

Acq: 08 Aug 2023 08:43

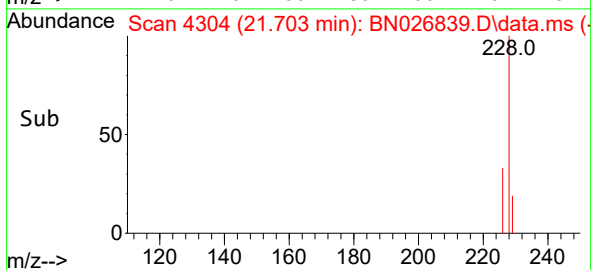
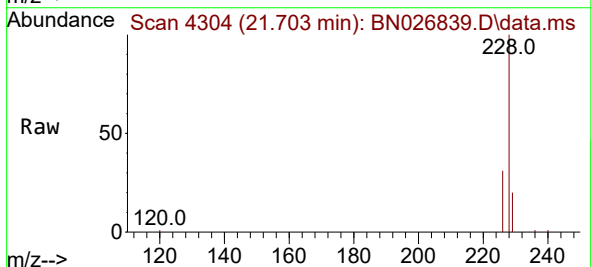
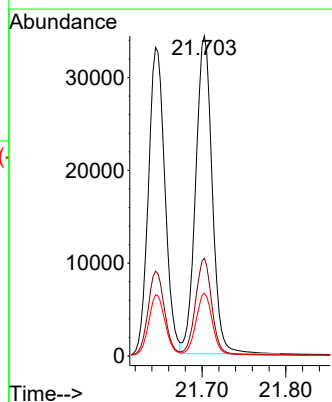
Tgt Ion:228 Resp: 47047

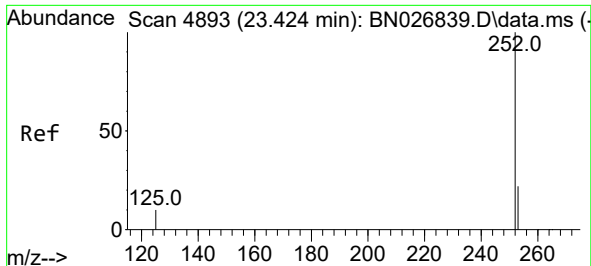
Ion Ratio Lower Upper

228 100

226 30.5 24.6 36.8

229 19.6 15.8 23.6

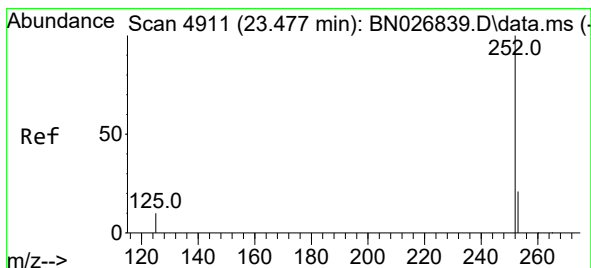
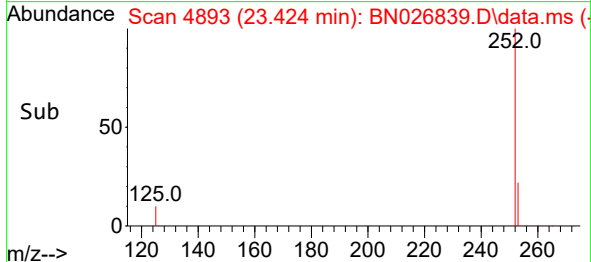
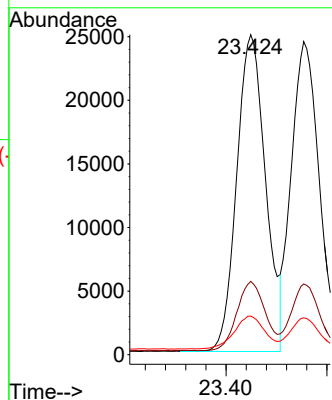
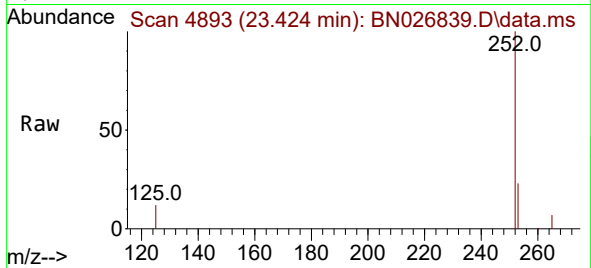




#24
Benzo(b)fluoranthene
Concen: 0.428 ng/ul
RT: 23.424 min Scan# 4893
Delta R.T. -0.006 min
Lab File: BN026839.D
Acq: 08 Aug 2023 08:43

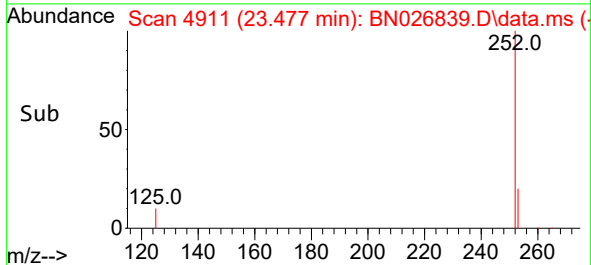
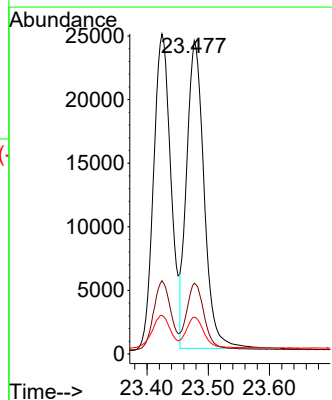
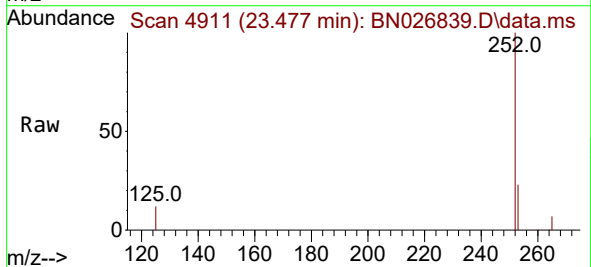
Instrument :
BNA_N
ClientSampleId :

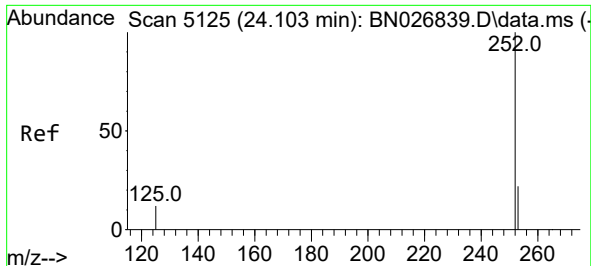
Tgt Ion:252 Resp: 49405
Ion Ratio Lower Upper
252 100
253 22.9 0.0 46.8
125 12.1 0.0 25.2



#25
Benzo(k)fluoranthene
Concen: 0.421 ng/ul
RT: 23.477 min Scan# 4911
Delta R.T. -0.009 min
Lab File: BN026839.D
Acq: 08 Aug 2023 08:43

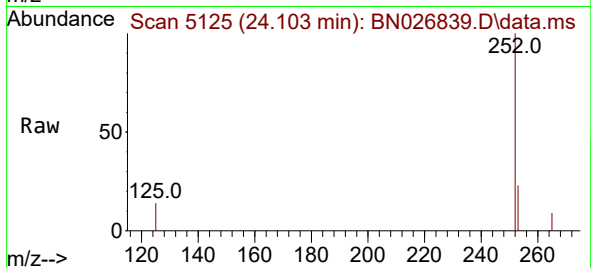
Tgt Ion:252 Resp: 47939
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.4
125 11.8 9.9 14.9



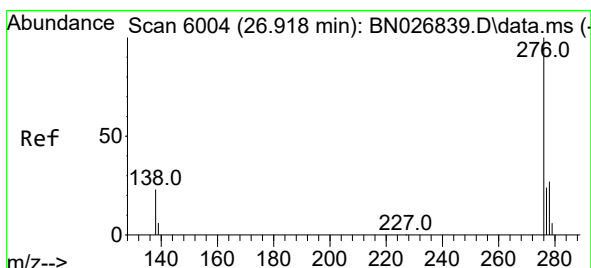
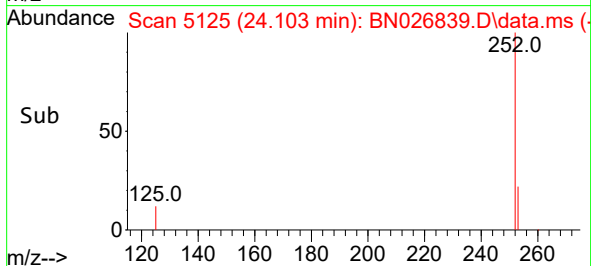
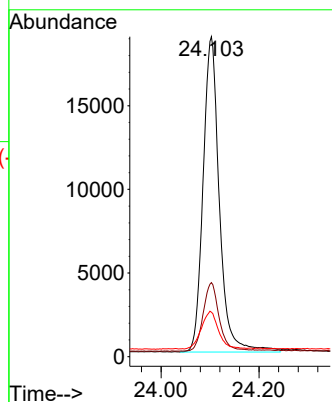


#26
Benzo(a)pyrene
Concen: 0.418 ng/ul
RT: 24.103 min Scan# 5125
Delta R.T. -0.009 min
Lab File: BN026839.D
Acq: 08 Aug 2023 08:43

Instrument :
BNA_N
ClientSampleId :

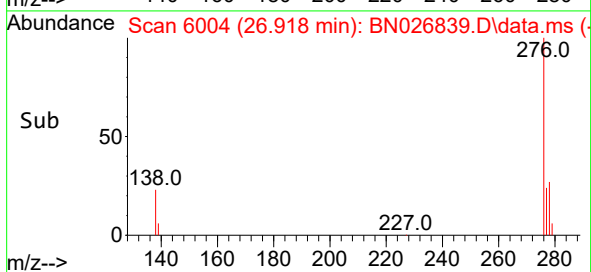
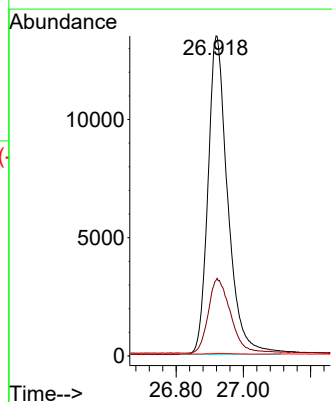
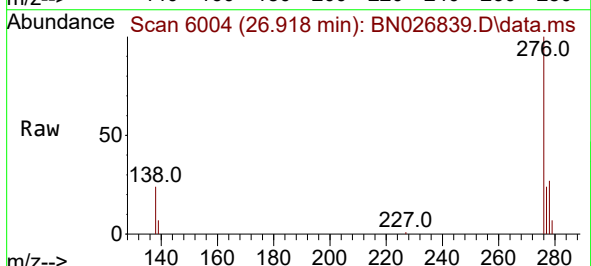


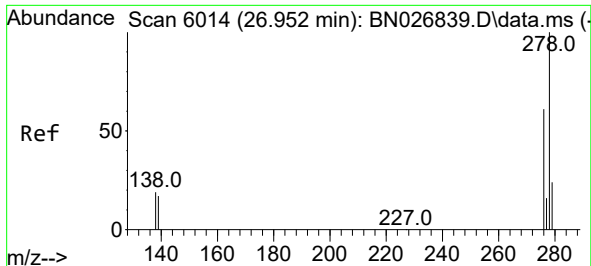
Tgt Ion:252 Resp: 43487
Ion Ratio Lower Upper
252 100
253 23.1 19.0 28.6
125 13.9 11.4 17.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.404 ng/ul
RT: 26.918 min Scan# 6004
Delta R.T. -0.010 min
Lab File: BN026839.D
Acq: 08 Aug 2023 08:43

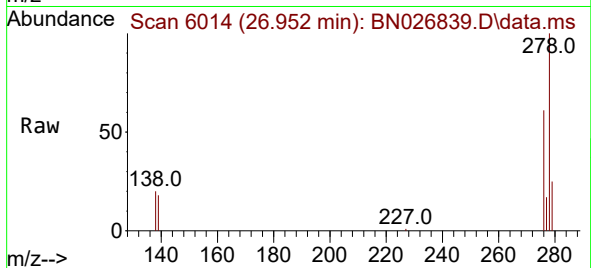
Tgt Ion:276 Resp: 55036
Ion Ratio Lower Upper
276 100
138 26.6 21.6 32.4
227 0.1 0.0 0.0#



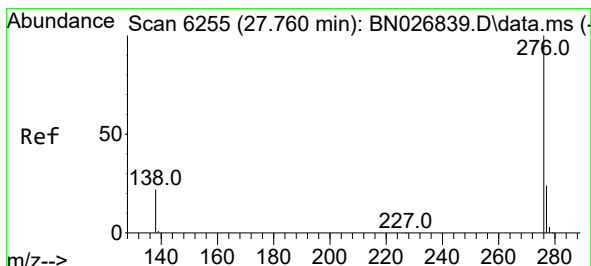
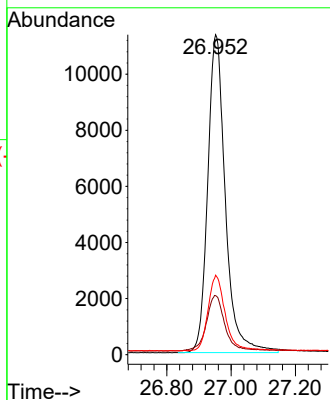
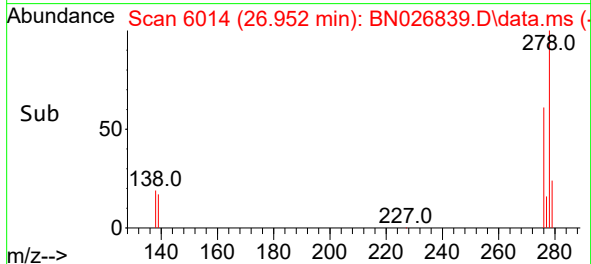


#28
Dibenzo(a,h)anthracene
Concen: 0.398 ng/ul
RT: 26.952 min Scan# 6014
Delta R.T. -0.017 min
Lab File: BN026839.D
Acq: 08 Aug 2023 08:43

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:278 Resp: 43189
Ion Ratio Lower Upper
278 100
139 18.5 15.7 23.5
279 24.9 20.2 30.4



#29
Benzo(g,h,i)perylene
Concen: 0.399 ng/ul
RT: 27.760 min Scan# 6255
Delta R.T. -0.010 min
Lab File: BN026839.D
Acq: 08 Aug 2023 08:43

Tgt Ion:276 Resp: 45244
Ion Ratio Lower Upper
276 100
138 23.4 19.3 28.9
277 24.3 19.8 29.8

