

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
 Data File : BN026996.D
 Acq On : 21 Aug 2023 17:09
 Operator : MA/JU
 Sample : 03967-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48L7

Quant Time: Aug 22 01:39:21 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 18 13:11:26 2023
 Response via : Initial Calibration

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

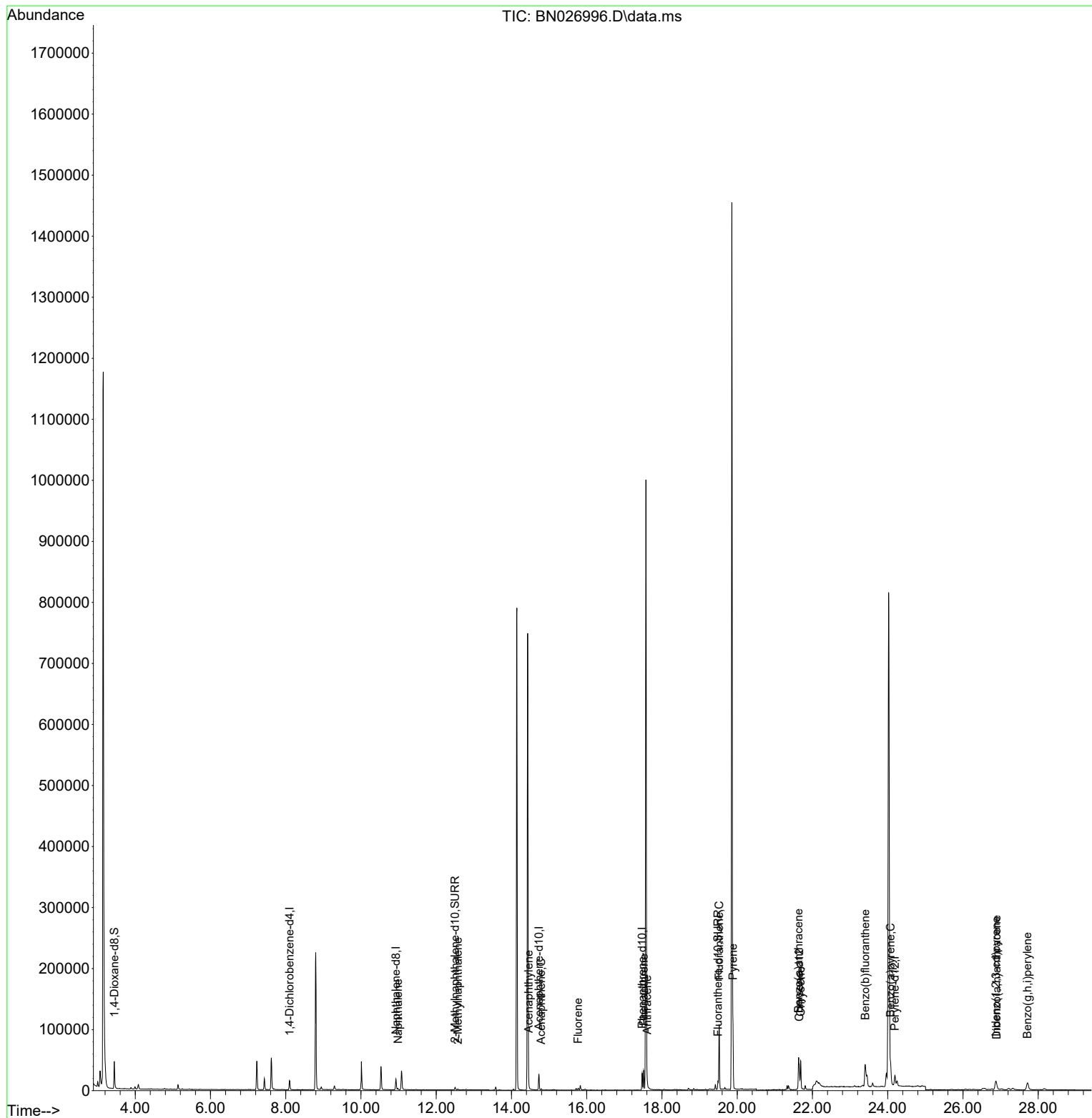
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.101	152	7529	0.400	ng/ul	0.00
4) Naphthalene-d8	10.927	136	24197	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.731	164	14326	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.472	188	32545	0.400	ng/ul	0.00
17) Chrysene-d12	21.647	240	26075	0.400	ng/ul	0.00
23) Perylene-d12	24.190	264	25990	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.443	96	31584	3.534	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.500	152	5868	0.165	ng/ul	0.00
18) Fluoranthene-d10	19.487	212	15331	0.186	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.982	128	3215	0.047	ng/ul#	90
7) 2-Methylnaphthalene	12.577	142	992	0.024	ng/ul	99
10) Acenaphthylene	14.458	152	6046	0.075	ng/ul	96
11) Acenaphthene	14.791	153	1139	0.021	ng/ul	96
12) Fluorene	15.772	166	1922	0.031	ng/ul#	96
15) Phenanthrene	17.515	178	33195	0.310	ng/ul	99
16) Anthracene	17.608	178	8277	0.086	ng/ul	96
19) Fluoranthene	19.520	202	89217	0.824	ng/ul	98
20) Pyrene	19.887	202	87639	0.758	ng/ul	98
21) Benzo(a)anthracene	21.630	228	45495	0.439	ng/ul	99
22) Chrysene	21.685	228	43599	0.426	ng/ul	98
24) Benzo(b)fluoranthene	23.401	252	95881	0.975	ng/ul	95
26) Benzo(a)pyrene	24.073	252	46359	0.523	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.874	276	28897	0.249	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.894	278	6313	0.068	ng/ul#	68
29) Benzo(g,h,i)perylene	27.716	276	28737	0.297	ng/ul	97

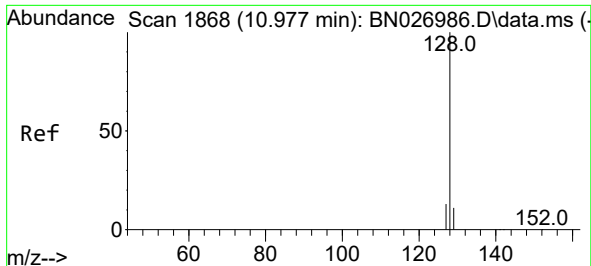
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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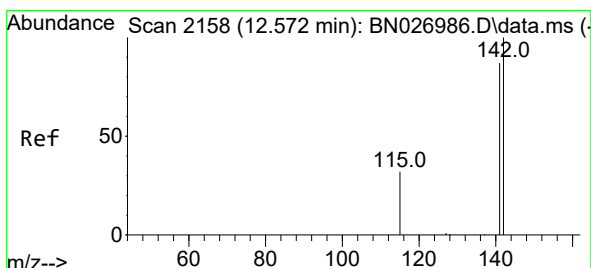
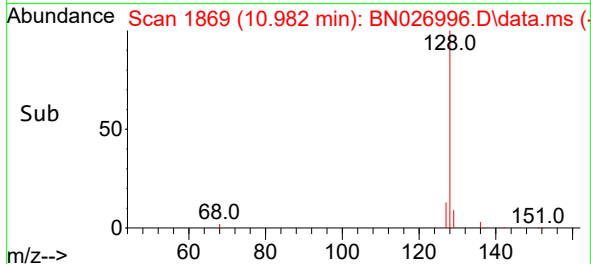
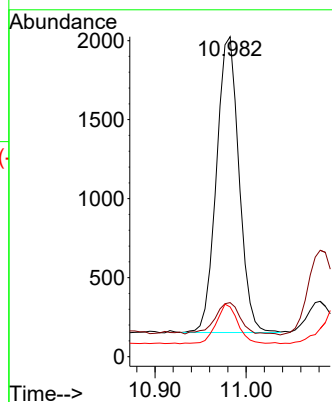
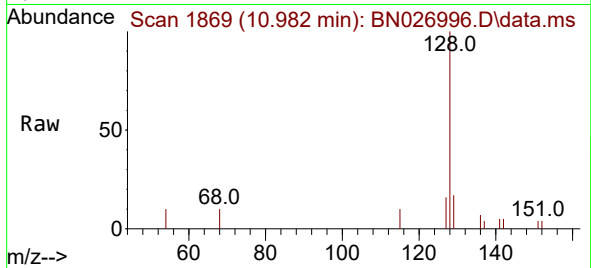




#5
Naphthalene
Concen: 0.047 ng/ul
RT: 10.982 min Scan# 1869
Delta R.T. -0.000 min
Lab File: BN026996.D
Acq: 21 Aug 2023 17:09

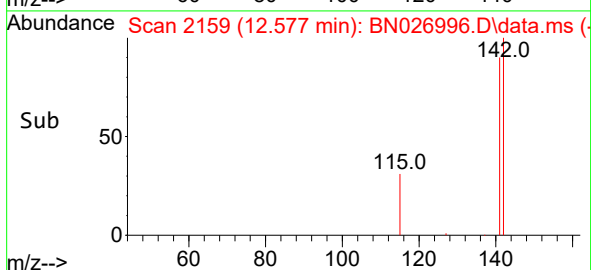
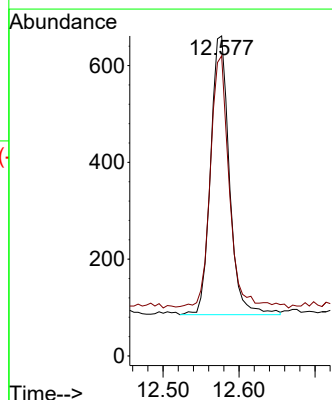
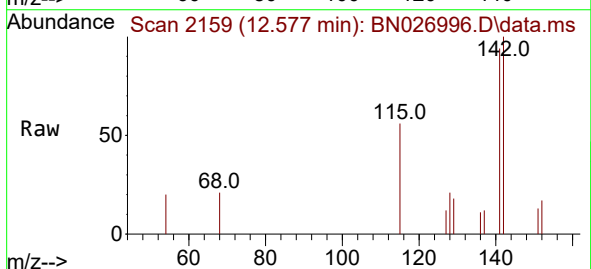
Instrument :
BNA_N
ClientSampleId :
A48L7

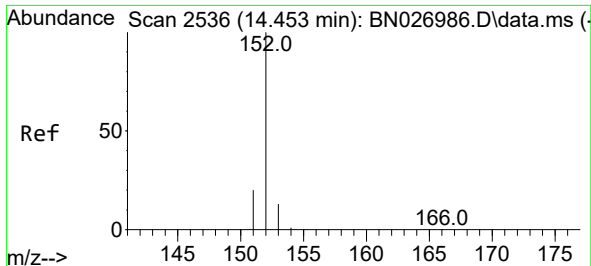
Tgt Ion:128 Resp: 3215
Ion Ratio Lower Upper
128 100
129 16.9 9.2 13.8#
127 15.6 10.5 15.7



#7
2-Methylnaphthalene
Concen: 0.024 ng/ul
RT: 12.577 min Scan# 2159
Delta R.T. -0.000 min
Lab File: BN026996.D
Acq: 21 Aug 2023 17:09

Tgt Ion:142 Resp: 992
Ion Ratio Lower Upper
142 100
141 89.4 70.9 106.3

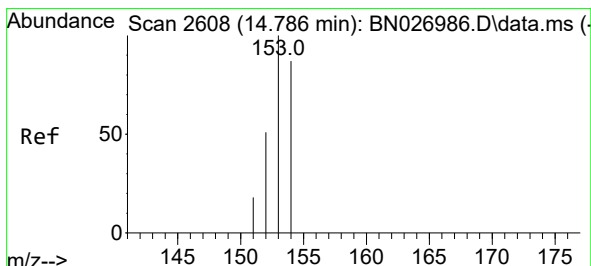
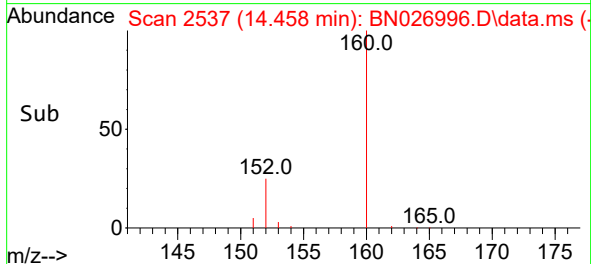
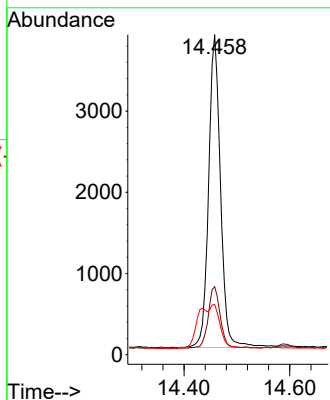
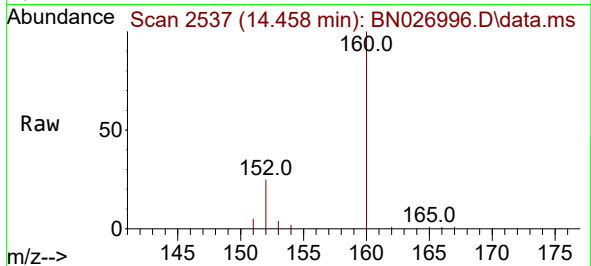




#10
Acenaphthylene
Concen: 0.075 ng/ul
RT: 14.458 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN026996.D
Acq: 21 Aug 2023 17:09

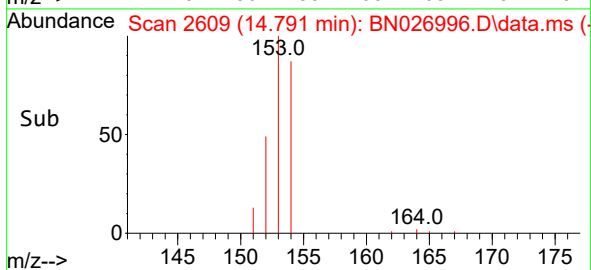
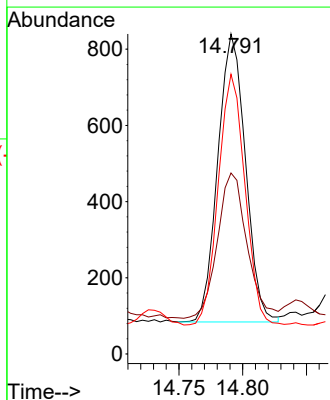
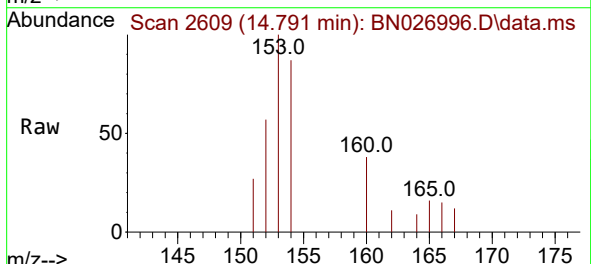
Instrument :
BNA_N
ClientSampleId :
A48L7

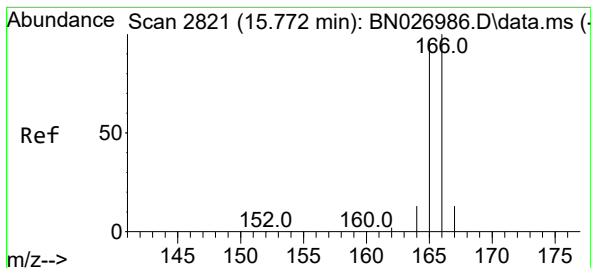
Tgt Ion:	152	Resp:	6046
Ion Ratio	Lower	Upper	
152	100		
151	21.3	15.9	23.9
153	15.7	11.0	16.6



#11
Acenaphthene
Concen: 0.021 ng/ul
RT: 14.791 min Scan# 2609
Delta R.T. -0.000 min
Lab File: BN026996.D
Acq: 21 Aug 2023 17:09

Tgt Ion:	153	Resp:	1139
Ion Ratio	Lower	Upper	
153	100		
152	56.5	41.1	61.7
154	87.4	71.6	107.4





#12

Fluorene

Concen: 0.031 ng/ul

RT: 15.772 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN026996.D

Acq: 21 Aug 2023 17:09

Instrument :

BNA_N

ClientSampleId :

A48L7

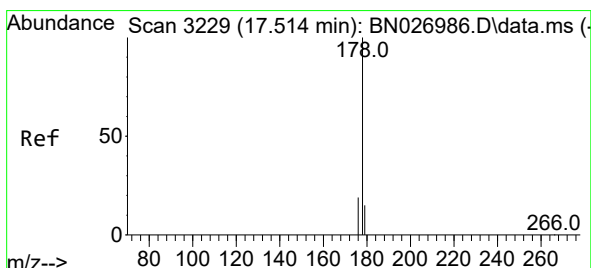
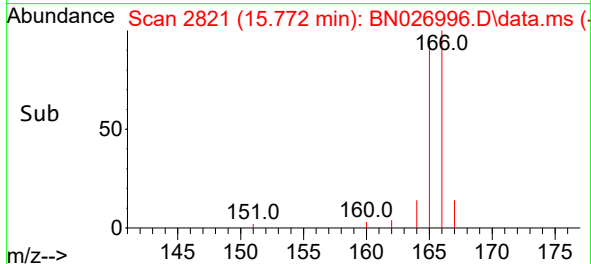
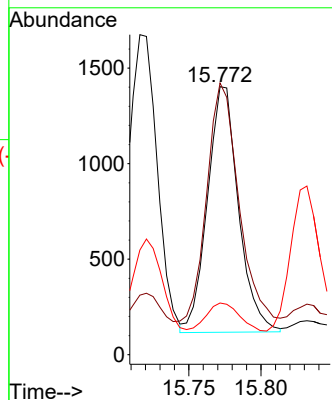
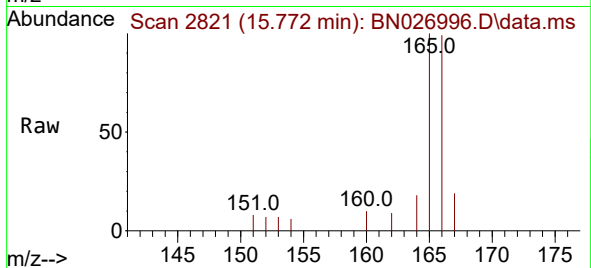
Tgt Ion:166 Resp: 1922

Ion Ratio Lower Upper

166 100

165 101.4 79.1 118.7

167 19.3 11.4 17.0#



#15

Phenanthrene

Concen: 0.310 ng/ul

RT: 17.515 min Scan# 3229

Delta R.T. -0.004 min

Lab File: BN026996.D

Acq: 21 Aug 2023 17:09

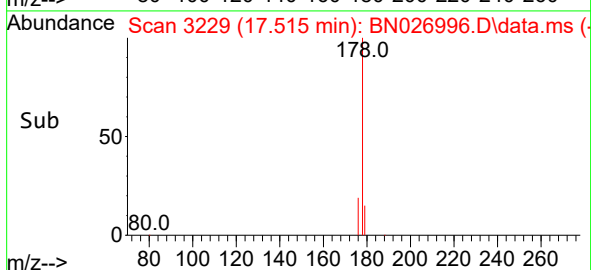
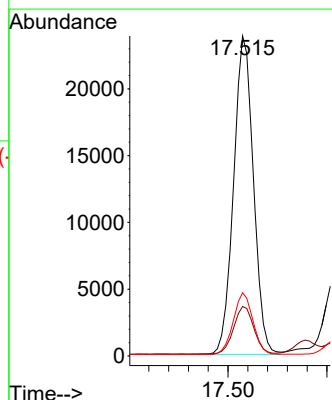
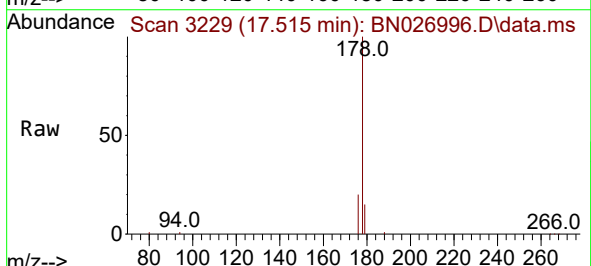
Tgt Ion:178 Resp: 33195

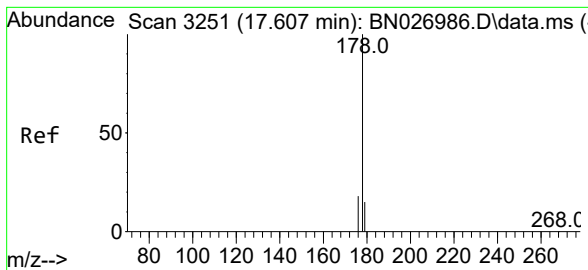
Ion Ratio Lower Upper

178 100

179 15.5 12.6 18.8

176 19.7 15.4 23.2

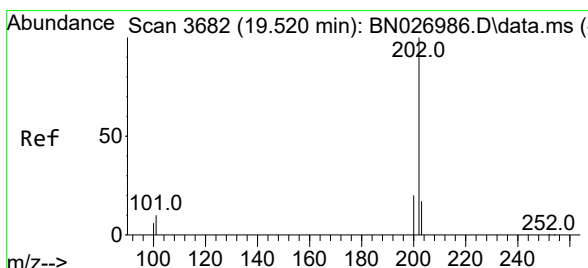
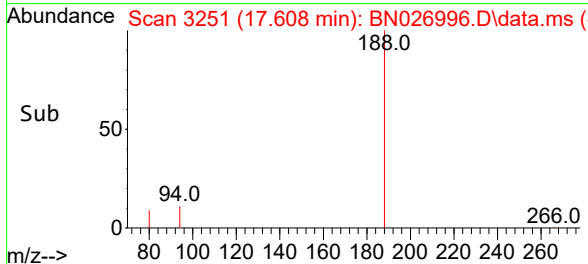
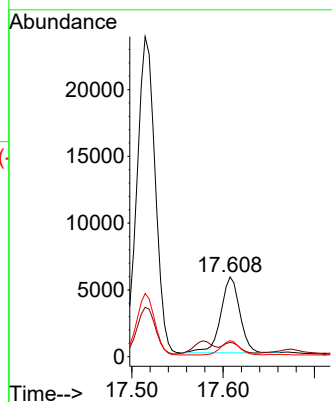
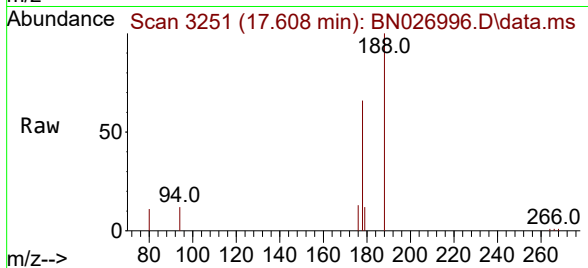




#16
 Anthracene
 Concen: 0.086 ng/ul
 RT: 17.608 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BN026996.D
 Acq: 21 Aug 2023 17:09

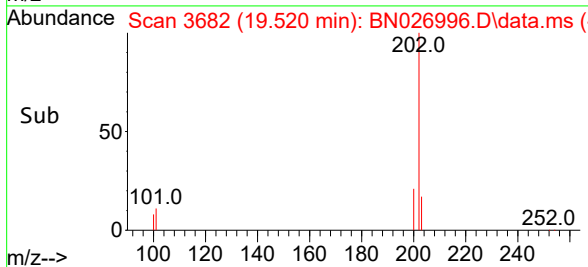
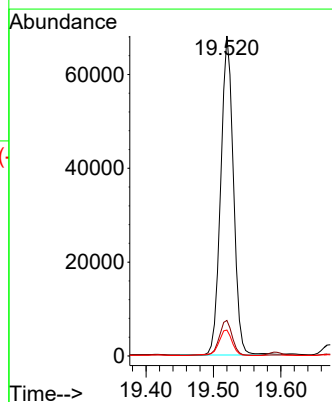
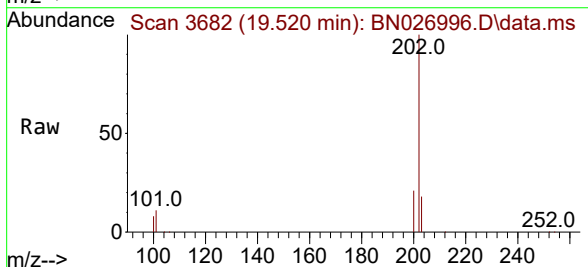
Instrument :
 BNA_N
 ClientSampleId :
 A48L7

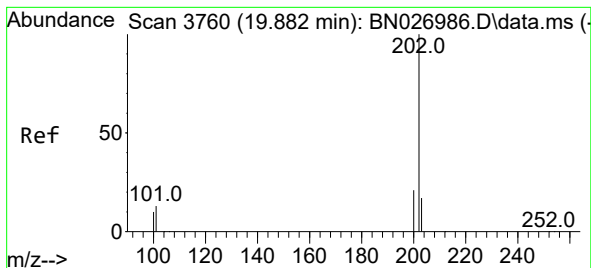
Tgt Ion:	178	Resp:	8277
Ion Ratio	Lower	Upper	
178	100		
179	17.9	12.6	19.0
176	20.2	15.0	22.6



#19
 Fluoranthene
 Concen: 0.824 ng/ul
 RT: 19.520 min Scan# 3682
 Delta R.T. -0.005 min
 Lab File: BN026996.D
 Acq: 21 Aug 2023 17:09

Tgt Ion:	202	Resp:	89217
Ion Ratio	Lower	Upper	
202	100		
101	11.1	8.3	12.5
100	8.1	6.2	9.2





#20

Pyrene

Concen: 0.758 ng/ul

RT: 19.887 min Scan# 31

Delta R.T. -0.000 min

Lab File: BN026996.D

Acq: 21 Aug 2023 17:09

Instrument :

BNA_N

ClientSampleId :

A48L7

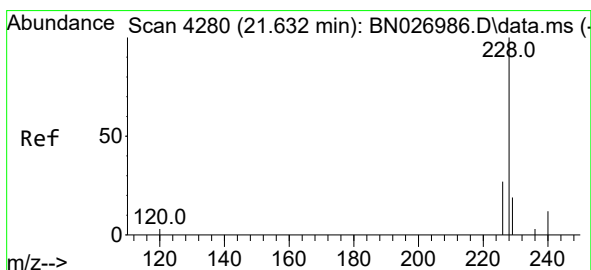
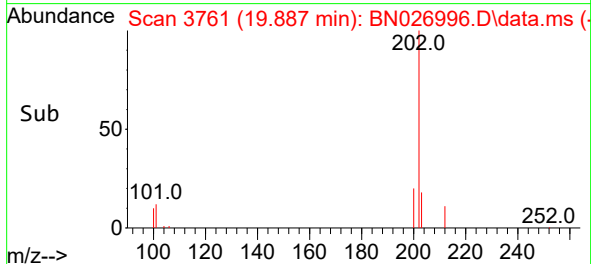
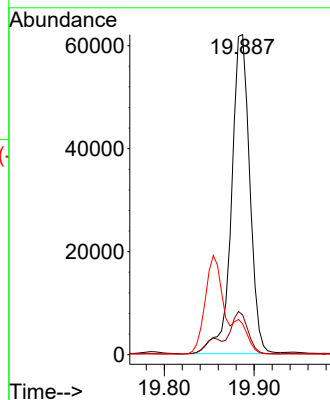
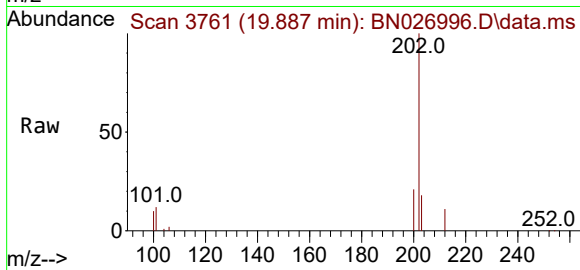
Tgt Ion:202 Resp: 87639

Ion Ratio Lower Upper

202 100

101 12.5 10.7 16.1

100 9.6 8.5 12.7



#21

Benzo(a)anthracene

Concen: 0.439 ng/ul

RT: 21.630 min Scan# 4279

Delta R.T. -0.003 min

Lab File: BN026996.D

Acq: 21 Aug 2023 17:09

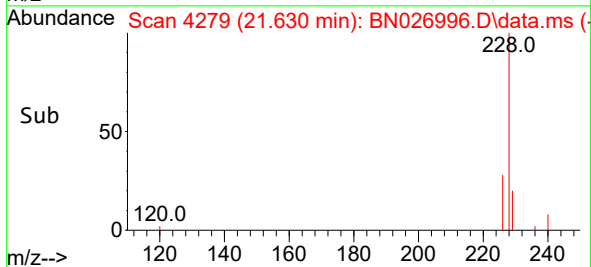
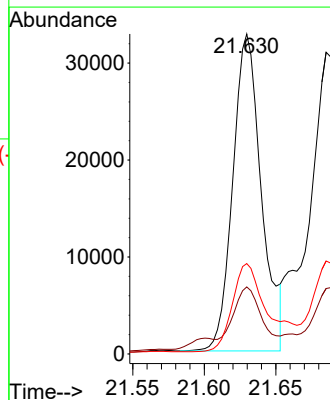
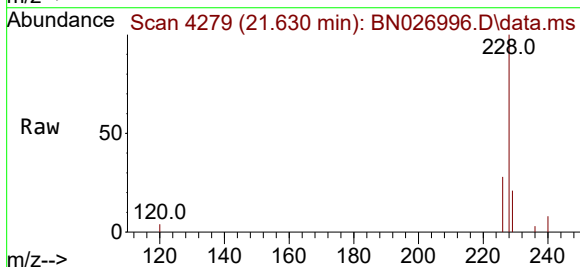
Tgt Ion:228 Resp: 45495

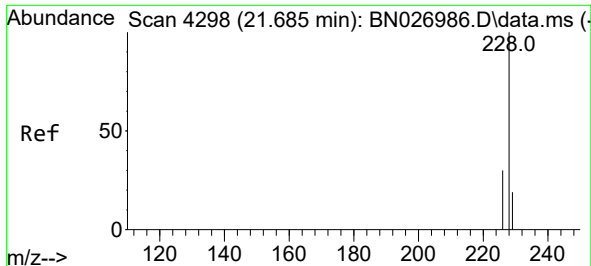
Ion Ratio Lower Upper

228 100

229 21.0 16.0 24.0

226 28.3 22.2 33.2





#22

Chrysene

Concen: 0.426 ng/ul

RT: 21.685 min Scan# 41

Delta R.T. -0.006 min

Lab File: BN026996.D

Acq: 21 Aug 2023 17:09

Instrument :

BNA_N

ClientSampleId :

A48L7

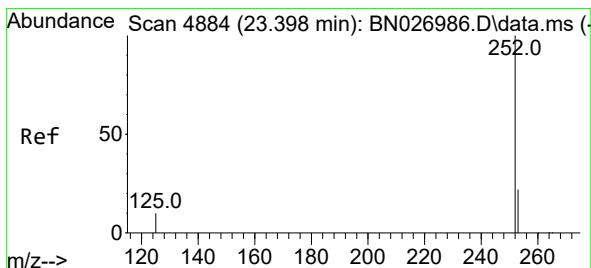
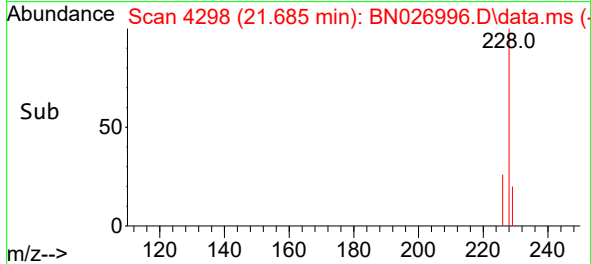
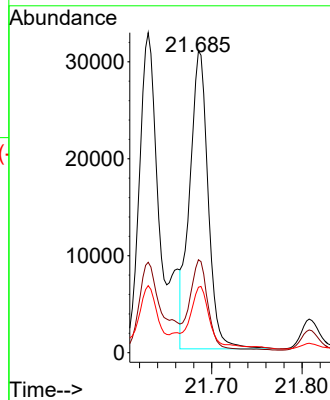
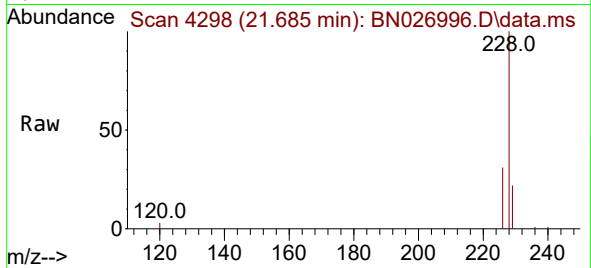
Tgt Ion:228 Resp: 43599

Ion Ratio Lower Upper

228 100

226 30.8 24.6 36.8

229 21.7 15.8 23.6



#24

Benzo(b)fluoranthene

Concen: 0.975 ng/ul

RT: 23.401 min Scan# 4885

Delta R.T. -0.006 min

Lab File: BN026996.D

Acq: 21 Aug 2023 17:09

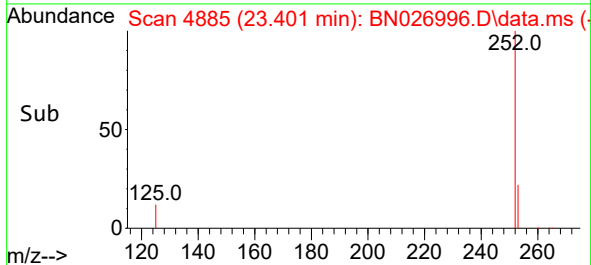
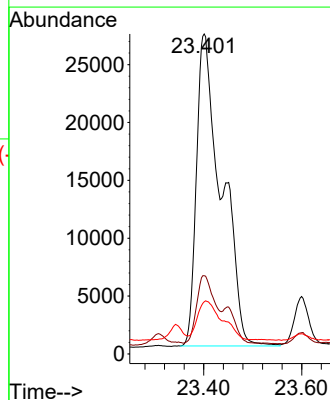
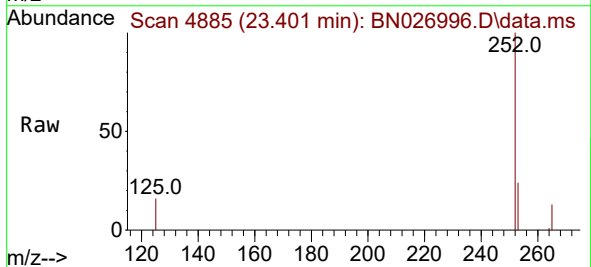
Tgt Ion:252 Resp: 95881

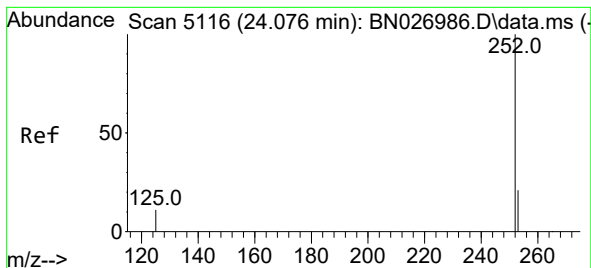
Ion Ratio Lower Upper

252 100

253 24.4 0.0 46.8

125 16.3 0.0 25.2





#26

Benzo(a)pyrene

Concen: 0.523 ng/ul

RT: 24.073 min Scan# 5116

Delta R.T. -0.012 min

Lab File: BN026996.D

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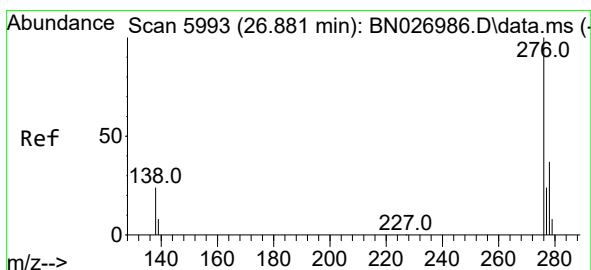
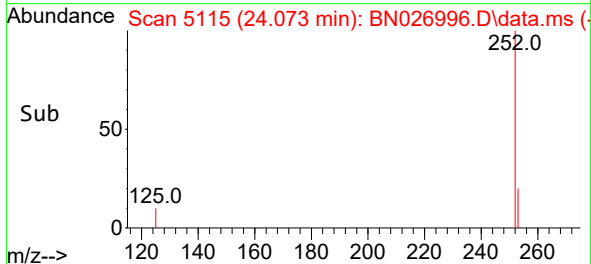
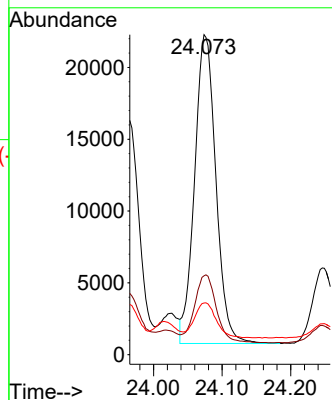
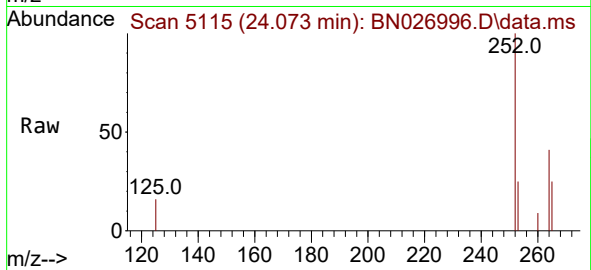
Tgt Ion:252 Resp: 46359

Ion Ratio Lower Upper

252 100

253 24.6 19.0 28.6

125 16.2 11.4 17.0



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.249 ng/ul

RT: 26.874 min Scan# 5991

Delta R.T. -0.011 min

Lab File: BN026996.D

Acq: 21 Aug 2023 17:09

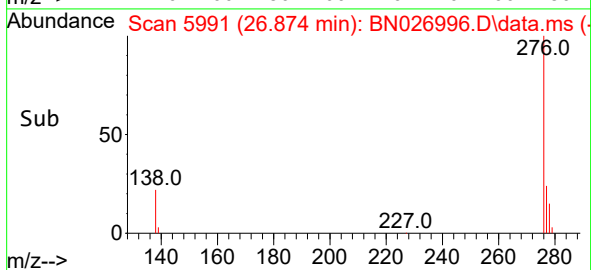
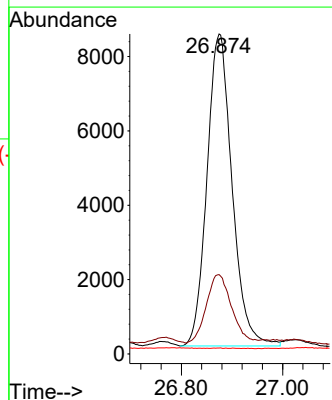
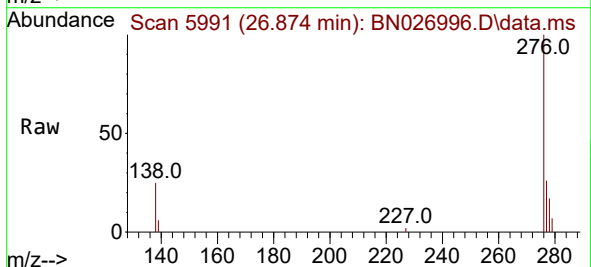
Tgt Ion:276 Resp: 28897

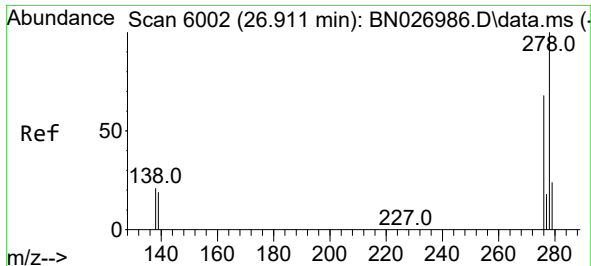
Ion Ratio Lower Upper

276 100

138 23.5 21.6 32.4

227 0.0 0.0 0.0#

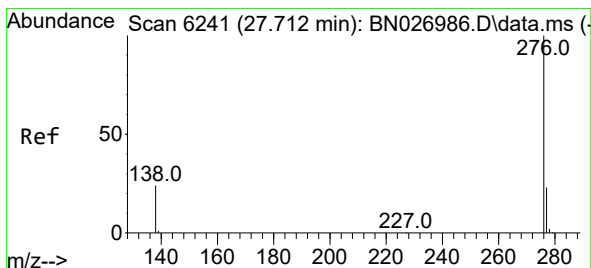
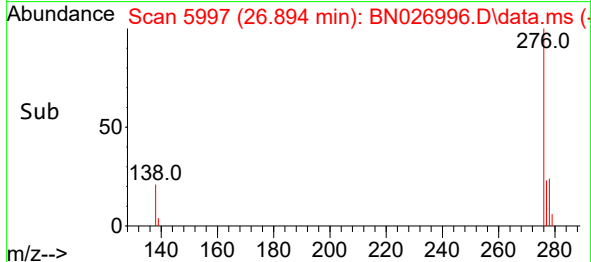
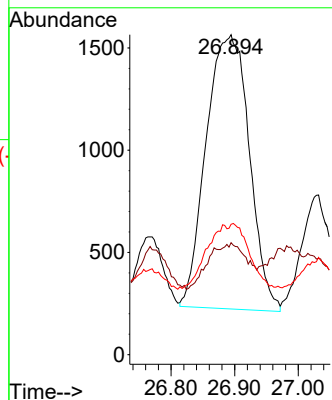
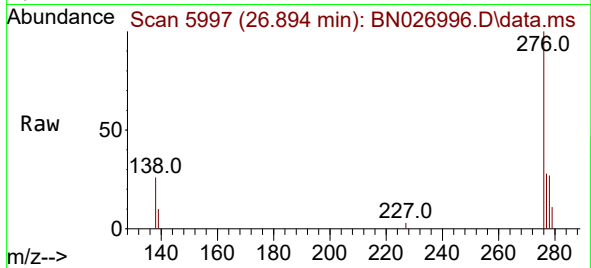




#28
Dibenzo(a,h)anthracene
Concen: 0.068 ng/ul
RT: 26.894 min Scan# 5997
Delta R.T. -0.027 min
Lab File: BN026996.D
Acq: 21 Aug 2023 17:09

Instrument :
BNA_N
ClientSampleId :
A48L7

Tgt Ion:278 Resp: 6313
Ion Ratio Lower Upper
278 100
139 35.0 15.7 23.5#
279 40.8 20.2 30.4#



#29
Benzo(g,h,i)perylene
Concen: 0.297 ng/ul
RT: 27.716 min Scan# 6242
Delta R.T. -0.007 min
Lab File: BN026996.D
Acq: 21 Aug 2023 17:09

Tgt Ion:276 Resp: 28737
Ion Ratio Lower Upper
276 100
138 25.9 19.3 28.9
277 26.1 19.8 29.8

