

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081523\
 Data File : BN026895.D
 Acq On : 15 Aug 2023 11:21
 Operator : MA/JU
 Sample : PB154811BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS811

Quant Time: Aug 16 00:53:06 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 : Wed Aug 16 00:50:05 2023
 Response via : Initial Calibration

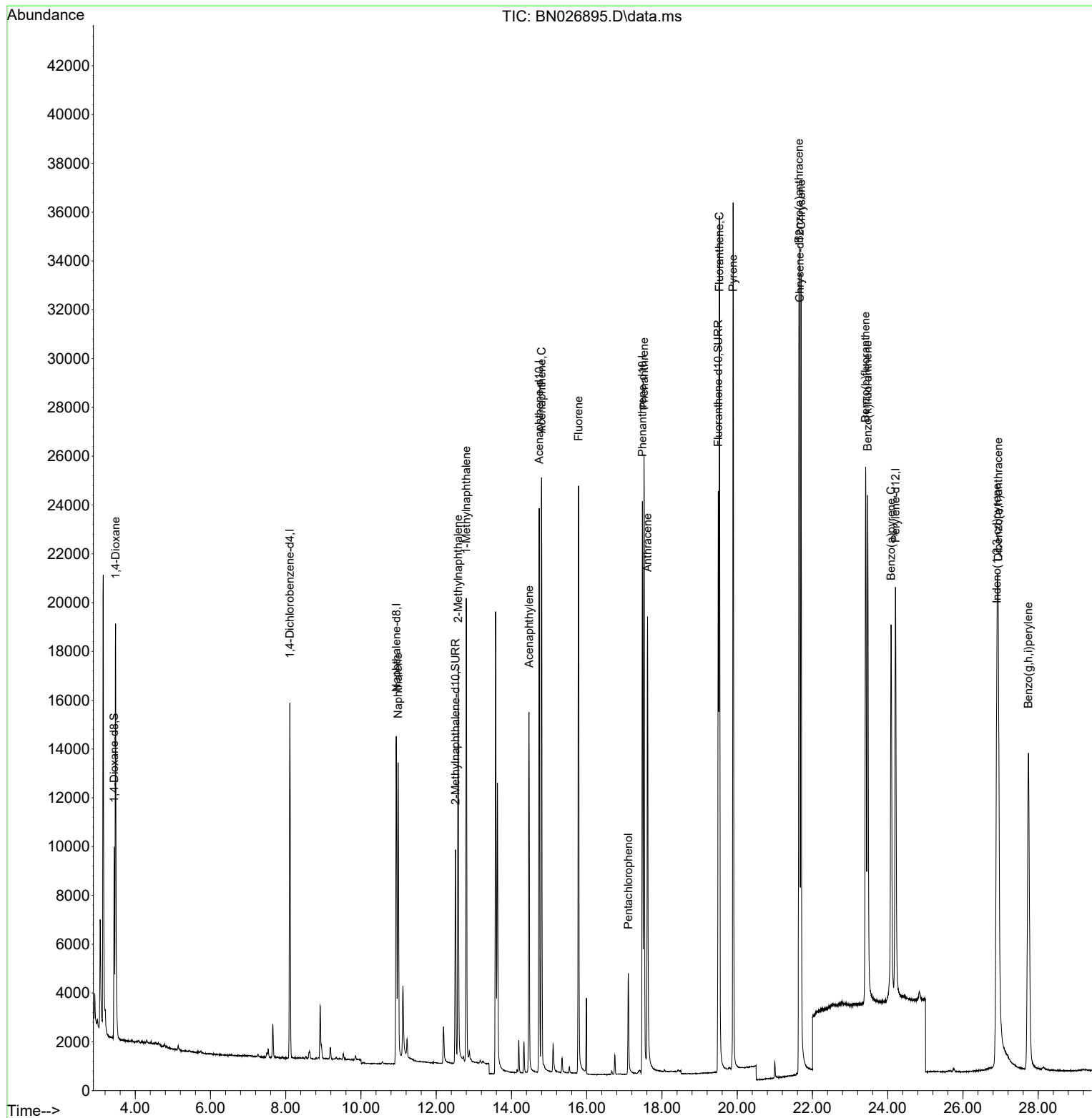
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.110	152	7315	0.400	ng/ul	0.00
4) Naphthalene-d8	10.938	136	21340	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.735	164	13060	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.481	188	29367	0.400	ng/ul	0.00
17) Chrysene-d12	21.659	240	25074	0.400	ng/ul	0.00
23) Perylene-d12	24.208	264	26278	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.439	96	5642	0.650	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.511	152	12040	0.383	ng/ul	0.00
18) Fluoranthene-d10	19.496	212	28372	0.358	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.477	88	12763	1.440	ng/ul#	92
5) Naphthalene	10.988	128	17636	0.292	ng/ul	100
7) 2-Methylnaphthalene	12.583	142	11943	0.327	ng/ul	100
8) 1-Methylnaphthalene	12.797	142	13325	0.349	ng/ul	100
10) Acenaphthylene	14.467	152	17839	0.244	ng/ul	100
11) Acenaphthene	14.800	153	14383	0.284	ng/ul	99
12) Fluorene	15.781	166	16204	0.283	ng/ul	100
14) Pentachlorophenol	17.105	266	2989	0.360	ng/ul	100
15) Phenanthrene	17.523	178	27428	0.284	ng/ul	99
16) Anthracene	17.616	178	22538	0.258	ng/ul	100
19) Fluoranthene	19.529	202	31421	0.302	ng/ul	99
20) Pyrene	19.891	202	31789	0.286	ng/ul	99
21) Benzo(a)anthracene	21.641	228	27142	0.272	ng/ul	99
22) Chrysene	21.696	228	30049	0.305	ng/ul	99
24) Benzo(b)fluoranthene	23.412	252	32265	0.325	ng/ul	98
25) Benzo(k)fluoranthene	23.468	252	31862	0.325	ng/ul	98
26) Benzo(a)pyrene	24.088	252	28195	0.314	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.901	276	40485	0.345	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.938	278	31726	0.339	ng/ul	99
29) Benzo(g,h,i)perylene	27.739	276	32918	0.337	ng/ul	99

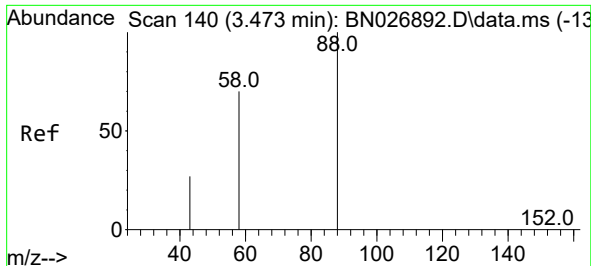
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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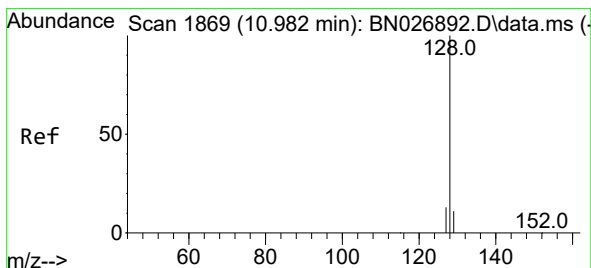
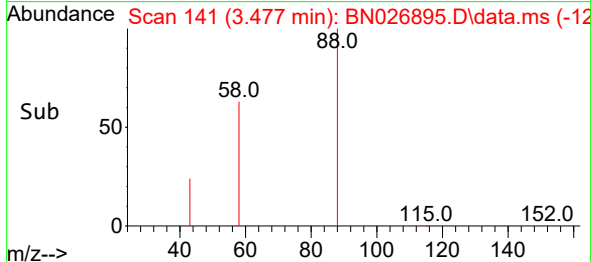
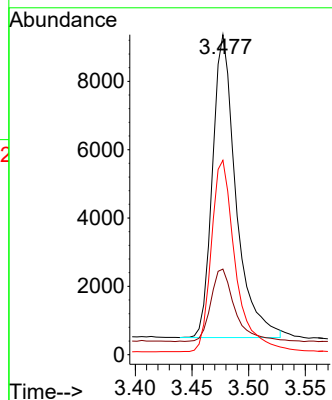
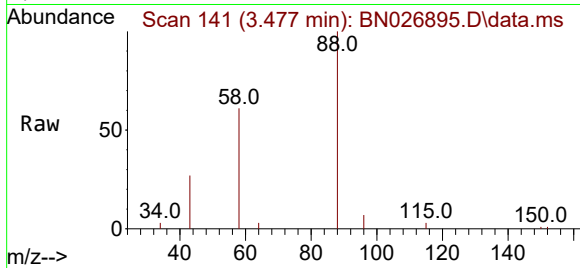




#2
1,4-Dioxane
Concen: 1.440 ng/ul
RT: 3.477 min Scan# 14
Delta R.T. 0.004 min
Lab File: BN026895.D
Acq: 15 Aug 2023 11:21

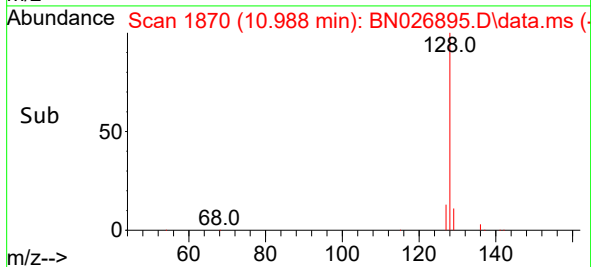
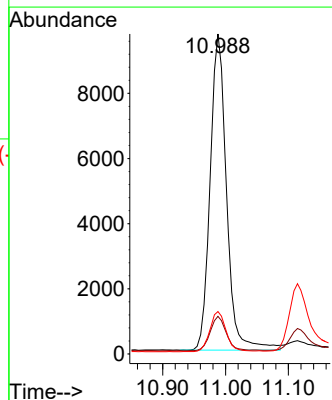
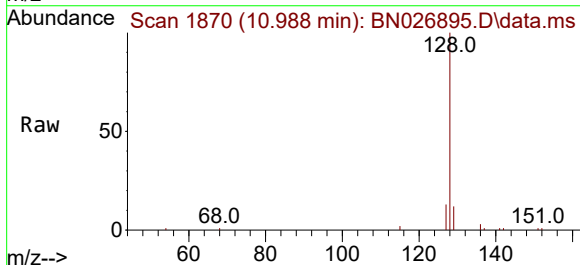
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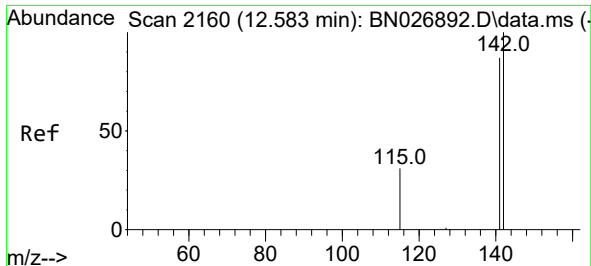
Tgt Ion: 88 Resp: 12763
Ion Ratio Lower Upper
88 100
43 26.8 28.0 42.0#
58 60.7 46.0 69.0



#5
Naphthalene
Concen: 0.292 ng/ul
RT: 10.988 min Scan# 1870
Delta R.T. 0.006 min
Lab File: BN026895.D
Acq: 15 Aug 2023 11:21

Tgt Ion:128 Resp: 17636
Ion Ratio Lower Upper
128 100
129 11.7 9.2 13.8
127 13.2 10.5 15.7

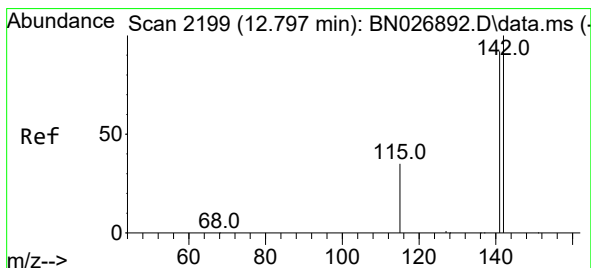
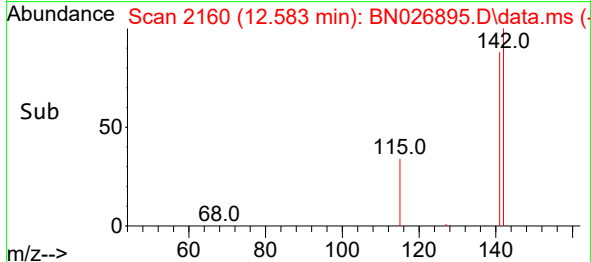
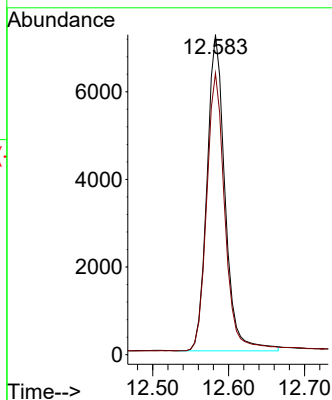
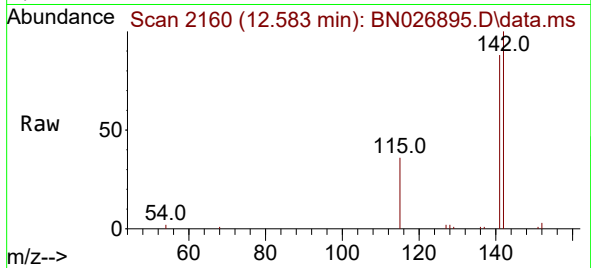




#7
2-Methylnaphthalene
Concen: 0.327 ng/ul
RT: 12.583 min Scan# 2160
Delta R.T. 0.000 min
Lab File: BN026895.D
Acq: 15 Aug 2023 11:21

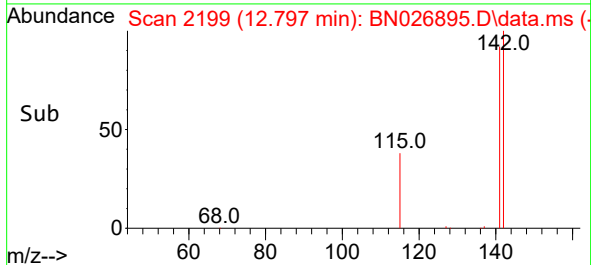
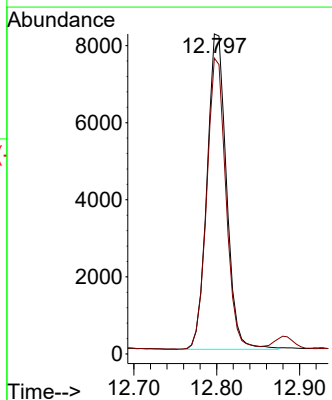
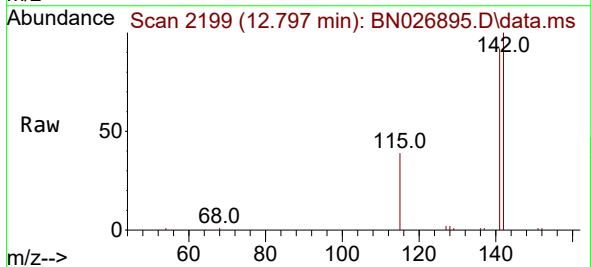
Instrument :
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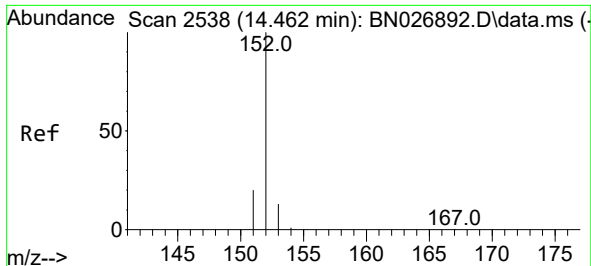
Tgt Ion:142 Resp: 11943
Ion Ratio Lower Upper
142 100
141 88.6 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.349 ng/ul
RT: 12.797 min Scan# 2199
Delta R.T. 0.000 min
Lab File: BN026895.D
Acq: 15 Aug 2023 11:21

Tgt Ion:142 Resp: 13325
Ion Ratio Lower Upper
142 100
141 91.0 73.2 109.8

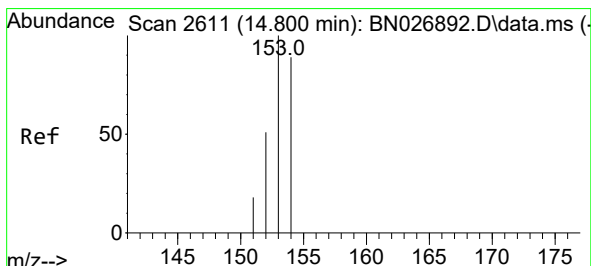
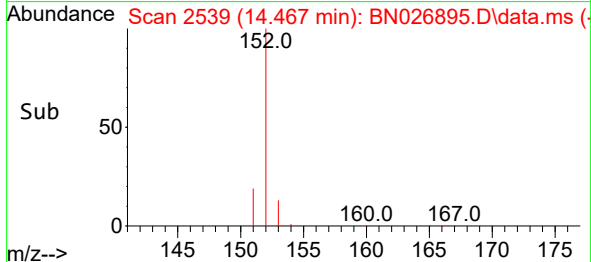
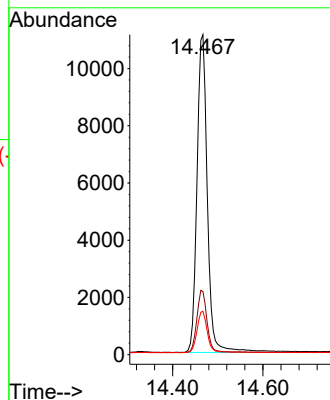
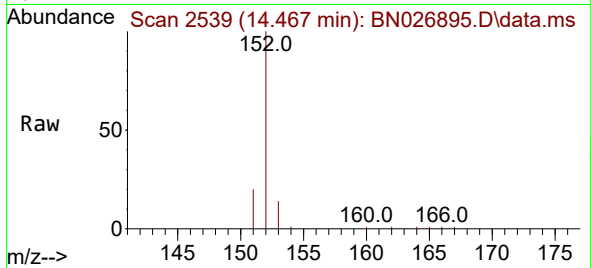




#10
Acenaphthylene
Concen: 0.244 ng/ul
RT: 14.467 min Scan# 2538
Delta R.T. 0.005 min
Lab File: BN026895.D
Acq: 15 Aug 2023 11:21

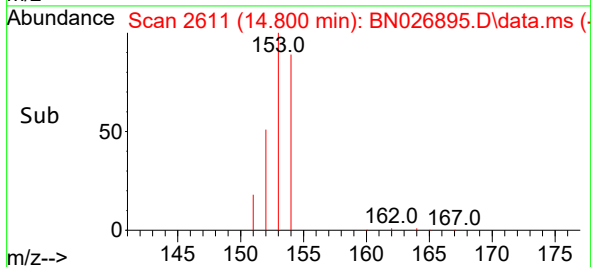
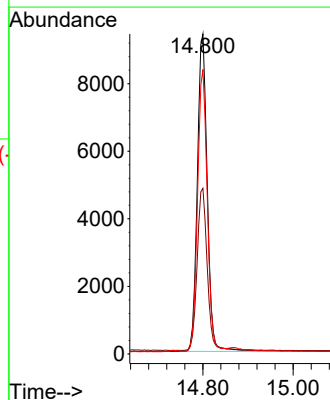
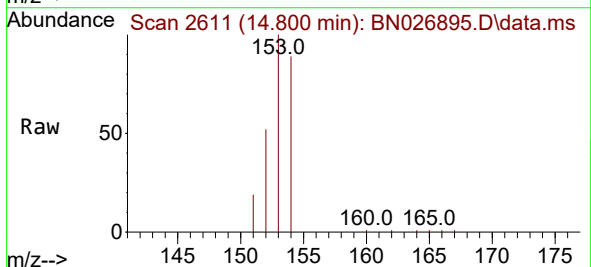
Instrument :
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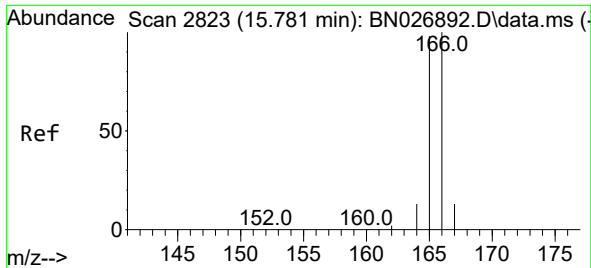
Tgt Ion:152 Resp: 17839
Ion Ratio Lower Upper
152 100
151 19.7 15.9 23.9
153 13.5 11.0 16.6



#11
Acenaphthene
Concen: 0.284 ng/ul
RT: 14.800 min Scan# 2611
Delta R.T. 0.000 min
Lab File: BN026895.D
Acq: 15 Aug 2023 11:21

Tgt Ion:153 Resp: 14383
Ion Ratio Lower Upper
153 100
152 51.8 41.1 61.7
154 88.9 71.6 107.4

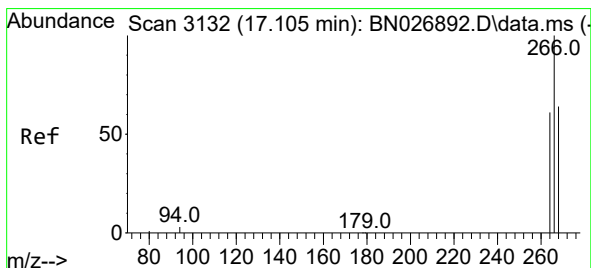
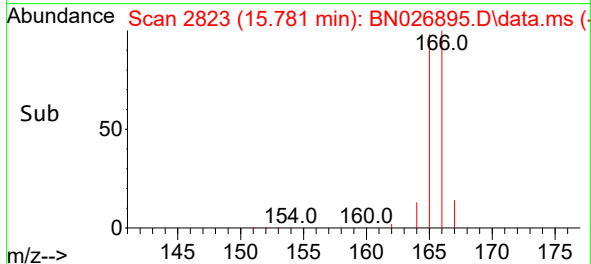
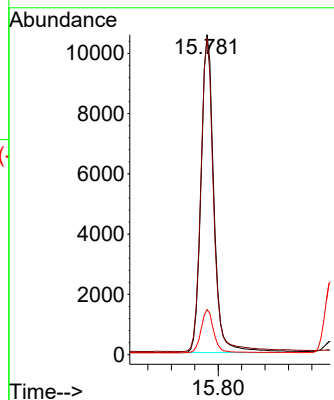
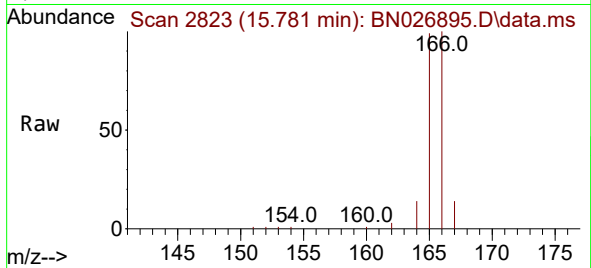




#12
Fluorene
Concen: 0.283 ng/ul
RT: 15.781 min Scan# 2823
Delta R.T. 0.000 min
Lab File: BN026895.D
Acq: 15 Aug 2023 11:21

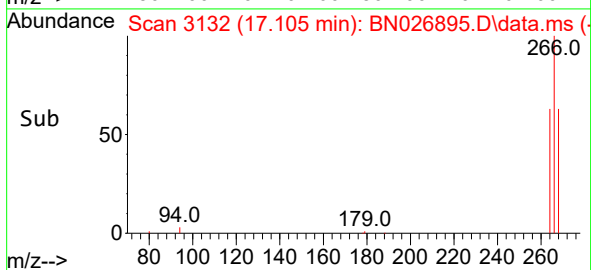
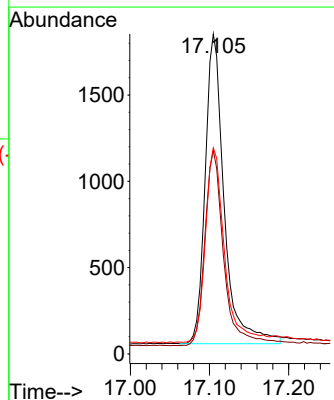
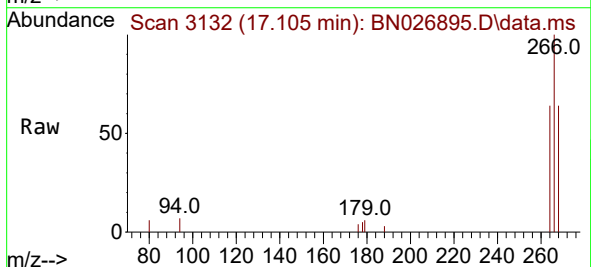
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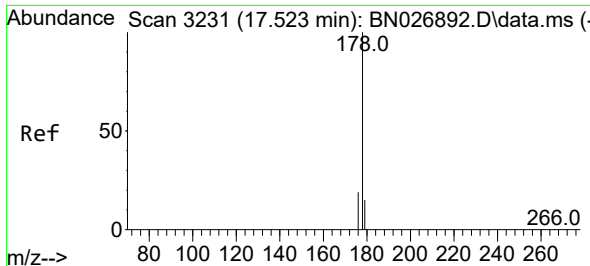
Tgt Ion:166 Resp: 16204
Ion Ratio Lower Upper
166 100
165 98.7 79.1 118.7
167 14.1 11.4 17.0



#14
Pentachlorophenol
Concen: 0.360 ng/ul
RT: 17.105 min Scan# 3132
Delta R.T. -0.000 min
Lab File: BN026895.D
Acq: 15 Aug 2023 11:21

Tgt Ion:266 Resp: 2989
Ion Ratio Lower Upper
266 100
264 62.8 50.4 75.6
268 63.6 51.2 76.8

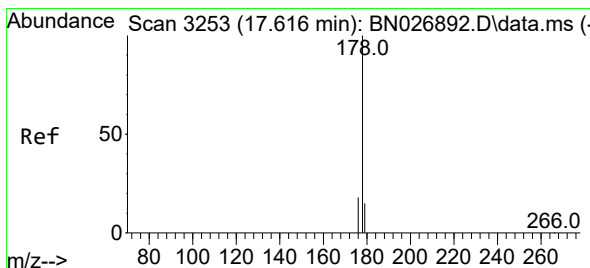
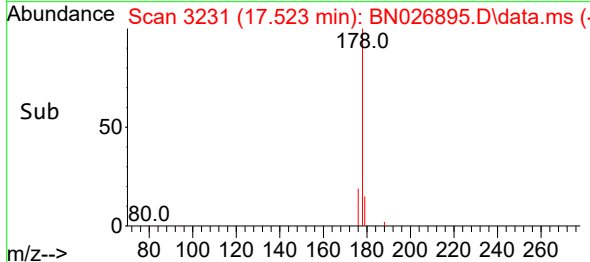
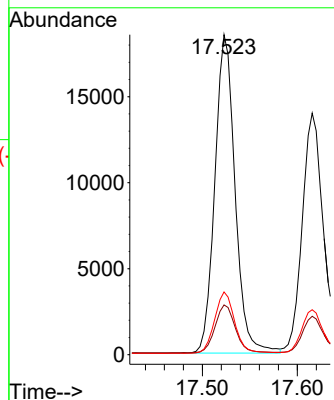
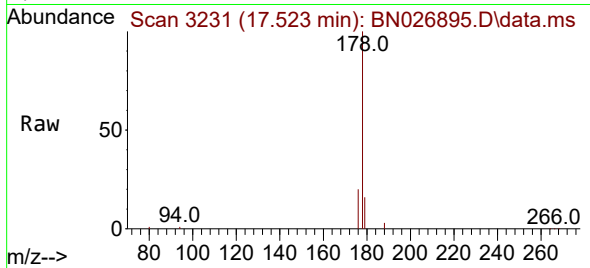




#15
Phenanthrene
Concen: 0.284 ng/ul
RT: 17.523 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN026895.D
Acq: 15 Aug 2023 11:21

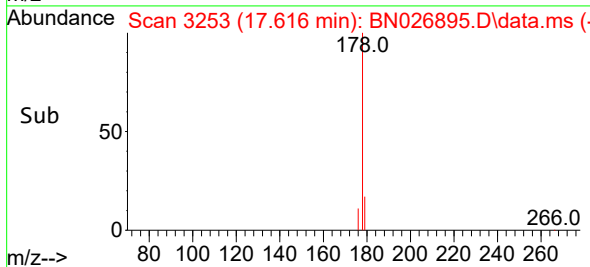
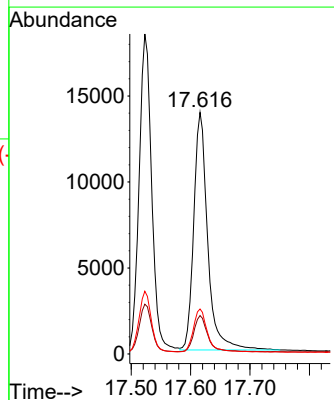
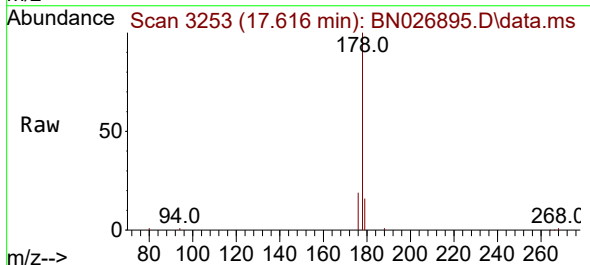
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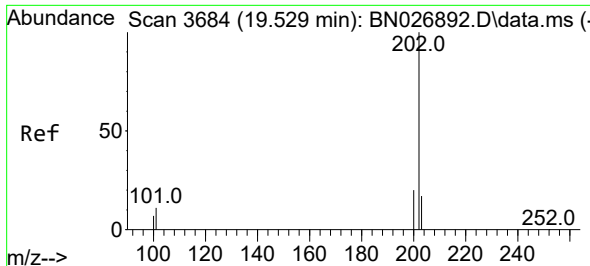
Tgt Ion:	178	Resp:	27428
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.6	18.8
176	19.6	15.4	23.2



#16
Anthracene
Concen: 0.258 ng/ul
RT: 17.616 min Scan# 3253
Delta R.T. -0.000 min
Lab File: BN026895.D
Acq: 15 Aug 2023 11:21

Tgt Ion:	178	Resp:	22538
Ion Ratio	Lower	Upper	
178	100		
179	15.9	12.6	19.0
176	18.6	15.0	22.6





#19

Fluoranthene

Concen: 0.302 ng/ul

RT: 19.529 min Scan# 31421

Delta R.T. -0.000 min

Lab File: BN026895.D

Acq: 15 Aug 2023 11:21

Instrument :

BNA_N

ClientSampleId :

SLCS811

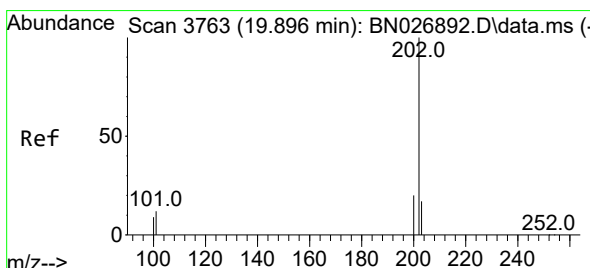
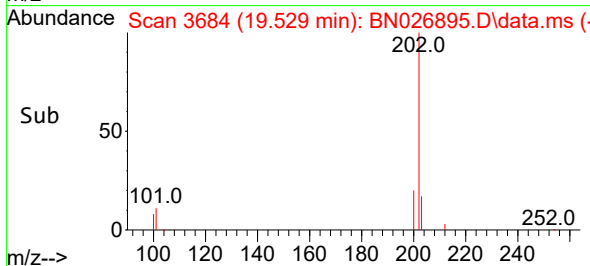
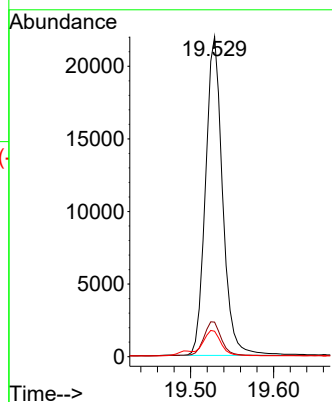
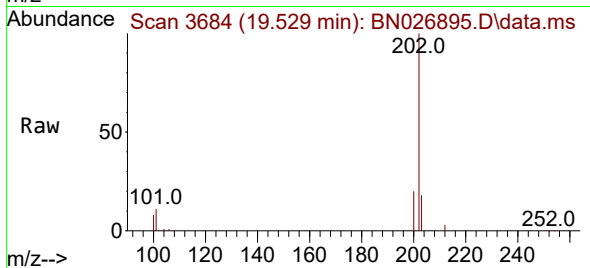
Tgt Ion:202 Resp: 31421

Ion Ratio Lower Upper

202 100

101 10.8 8.3 12.5

100 8.0 6.2 9.2



#20

Pyrene

Concen: 0.286 ng/ul

RT: 19.891 min Scan# 3762

Delta R.T. -0.005 min

Lab File: BN026895.D

Acq: 15 Aug 2023 11:21

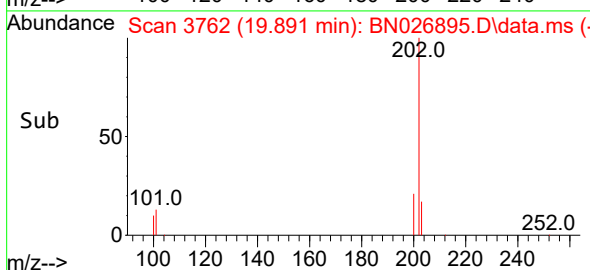
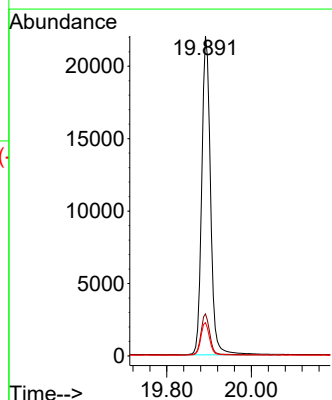
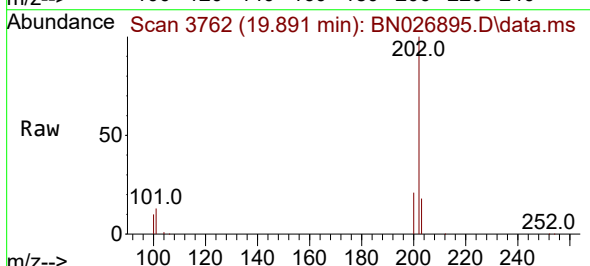
Tgt Ion:202 Resp: 31789

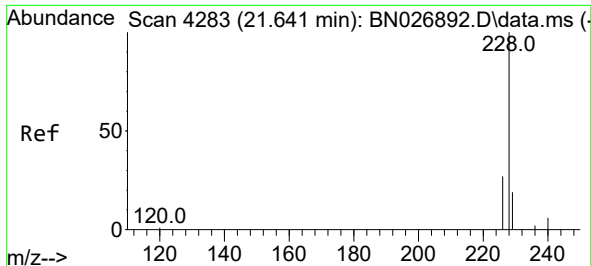
Ion Ratio Lower Upper

202 100

101 13.2 10.7 16.1

100 10.4 8.5 12.7

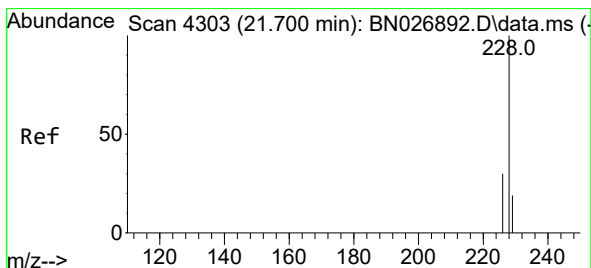
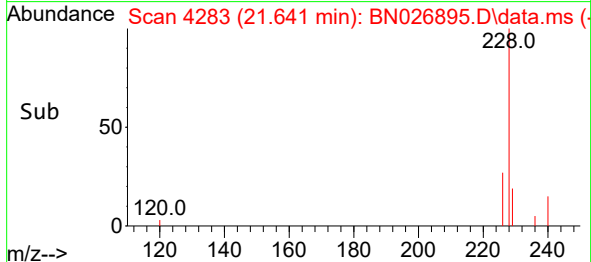
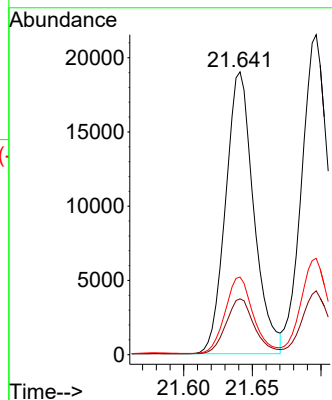
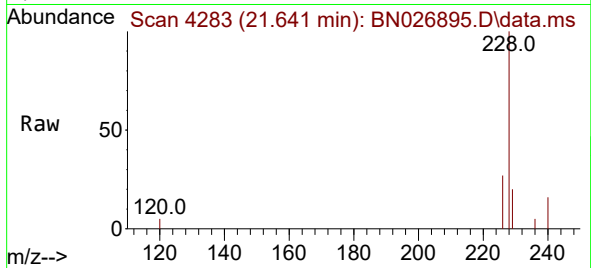




#21
Benzo(a)anthracene
Concen: 0.272 ng/ul
RT: 21.641 min Scan# 4302
Delta R.T. -0.000 min
Lab File: BN026895.D
Acq: 15 Aug 2023 11:21

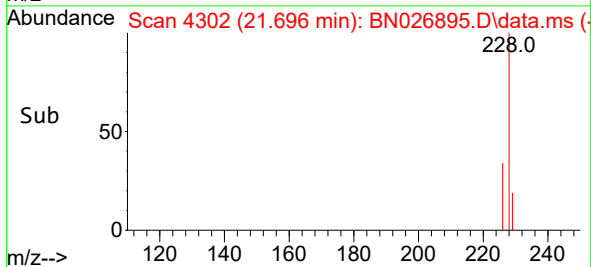
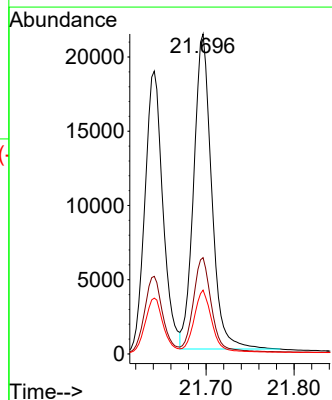
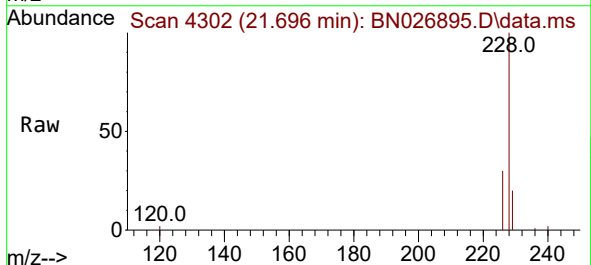
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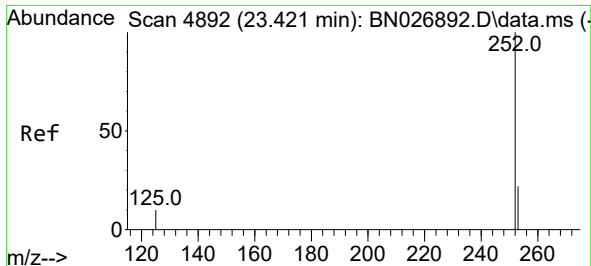
Tgt Ion:228 Resp: 27142
Ion Ratio Lower Upper
228 100
229 19.7 16.0 24.0
226 27.4 22.2 33.2



#22
Chrysene
Concen: 0.305 ng/ul
RT: 21.696 min Scan# 4302
Delta R.T. -0.003 min
Lab File: BN026895.D
Acq: 15 Aug 2023 11:21

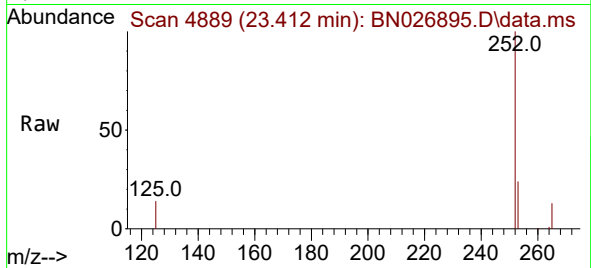
Tgt Ion:228 Resp: 30049
Ion Ratio Lower Upper
228 100
226 30.1 24.6 36.8
229 20.0 15.8 23.6



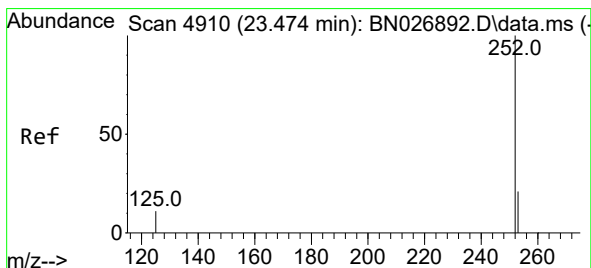
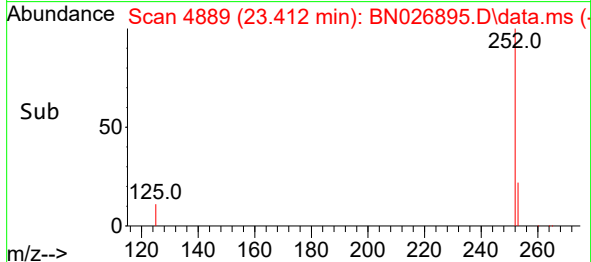
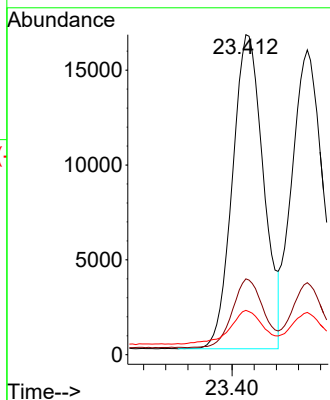


#24
Benzo(b)fluoranthene
Concen: 0.325 ng/ul
RT: 23.412 min Scan# 4889
Delta R.T. -0.009 min
Lab File: BN026895.D
Acq: 15 Aug 2023 11:21

Instrument :
BNA_N
ClientSampleId :
SLCS811

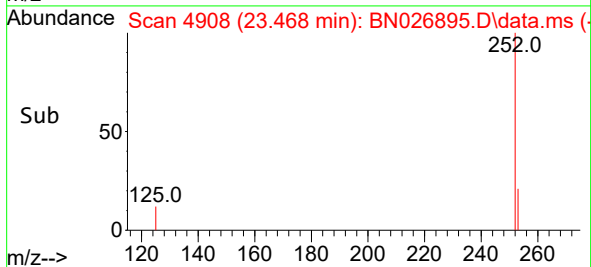
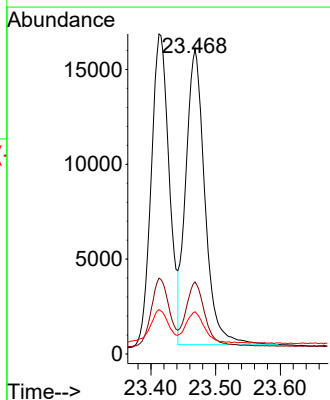
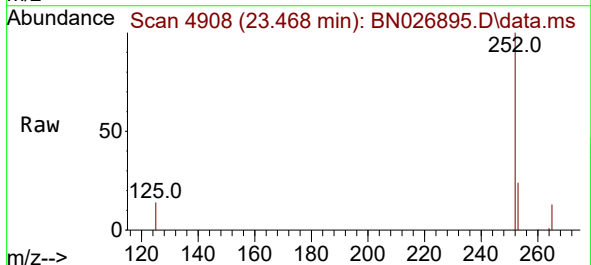


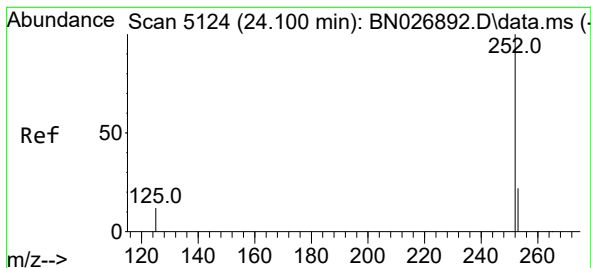
Tgt Ion:252 Resp: 32265
Ion Ratio Lower Upper
252 100
253 23.7 0.0 46.8
125 13.9 0.0 25.2



#25
Benzo(k)fluoranthene
Concen: 0.325 ng/ul
RT: 23.468 min Scan# 4908
Delta R.T. -0.006 min
Lab File: BN026895.D
Acq: 15 Aug 2023 11:21

Tgt Ion:252 Resp: 31862
Ion Ratio Lower Upper
252 100
253 23.6 18.2 27.4
125 13.9 9.9 14.9





#26

Benzo(a)pyrene

Concen: 0.314 ng/ul

RT: 24.088 min Scan# 51

Delta R.T. -0.012 min

Lab File: BN026895.D

Acq: 15 Aug 2023 11:21

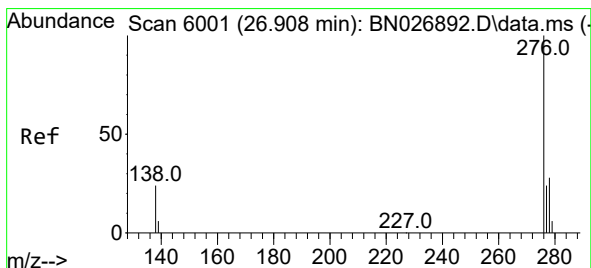
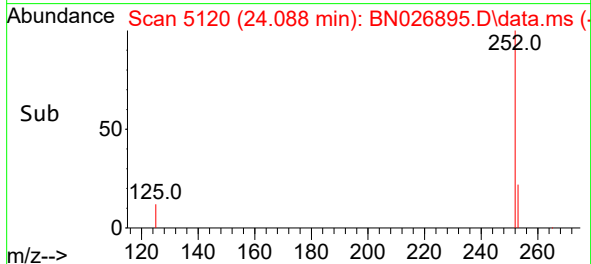
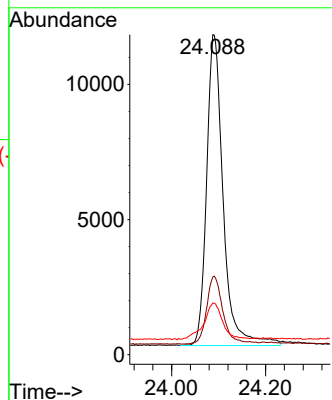
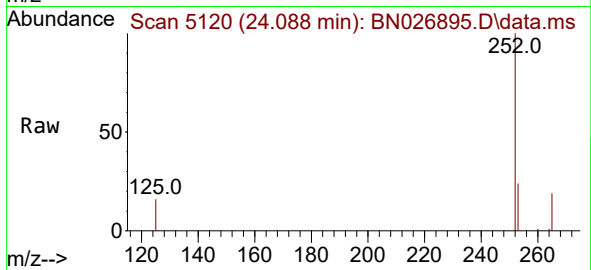
Instrument :

BNA_N

ClientSampleId :

SLCS811

Tgt Ion:252	Resp:	28195
Ion Ratio	Lower	Upper
252	100	
253	24.3	19.0 28.6
125	16.1	11.4 17.0



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.345 ng/ul

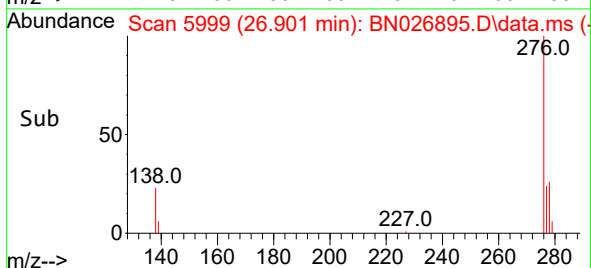
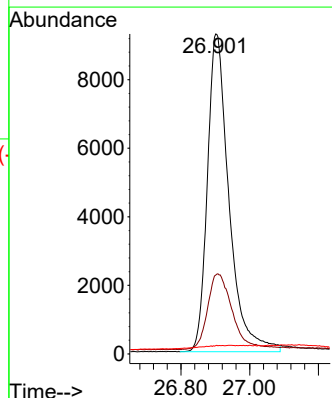
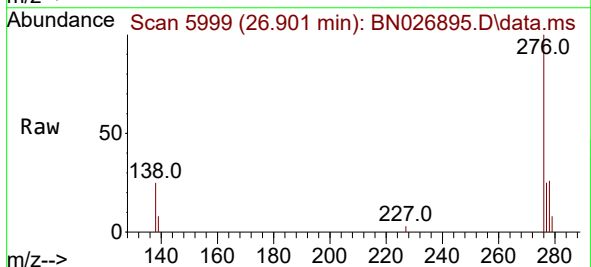
RT: 26.901 min Scan# 5999

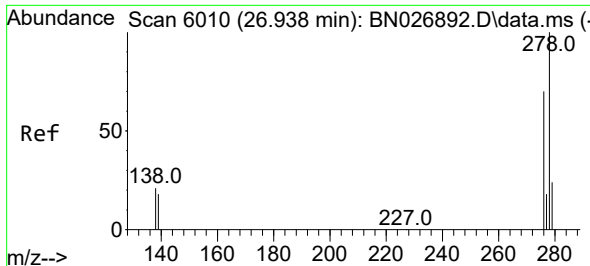
Delta R.T. -0.007 min

Lab File: BN026895.D

Acq: 15 Aug 2023 11:21

Tgt Ion:276	Resp:	40485
Ion Ratio	Lower	Upper
276	100	
138	27.7	21.6 32.4
227	0.0	0.0 0.0

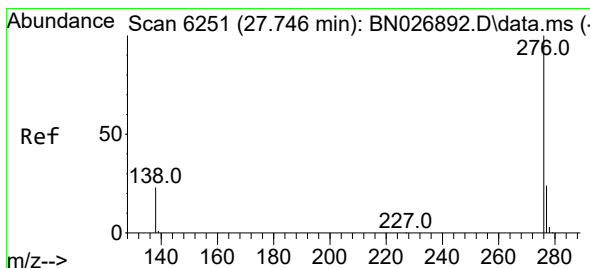
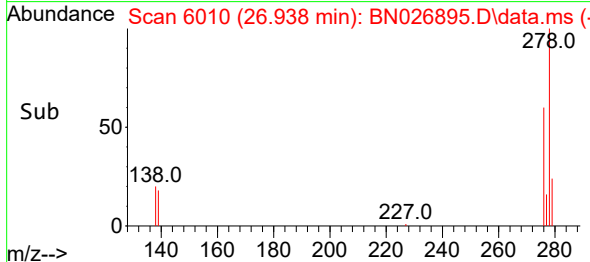
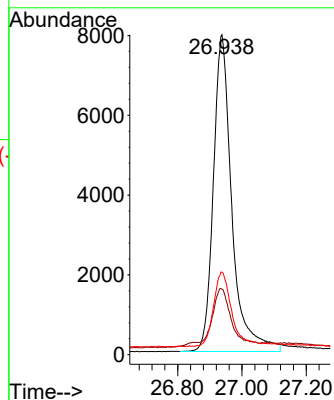
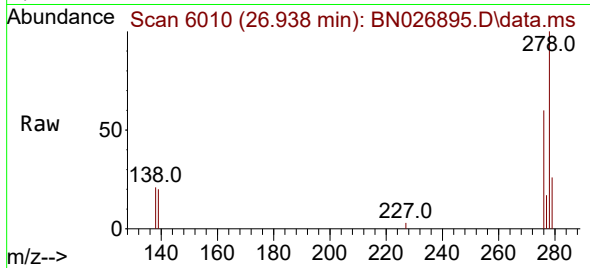




#28
Dibenzo(a,h)anthracene
Concen: 0.339 ng/ul
RT: 26.938 min Scan# 6010
Delta R.T. -0.000 min
Lab File: BN026895.D
Acq: 15 Aug 2023 11:21

Instrument :
BNA_N
ClientSampleId :
SLCS811

Tgt Ion:278 Resp: 31726
Ion Ratio Lower Upper
278 100
139 20.5 15.7 23.5
279 25.8 20.2 30.4



#29
Benzo(g,h,i)perylene
Concen: 0.337 ng/ul
RT: 27.739 min Scan# 6249
Delta R.T. -0.007 min
Lab File: BN026895.D
Acq: 15 Aug 2023 11:21

Tgt Ion:276 Resp: 32918
Ion Ratio Lower Upper
276 100
138 24.4 19.3 28.9
277 24.0 19.8 29.8

