

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081523\
 Data File : BN026896.D
 Acq On : 15 Aug 2023 11:58
 Operator : MA/JU
 Sample : PB154774BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS774

Quant Time: Aug 16 00:53:17 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

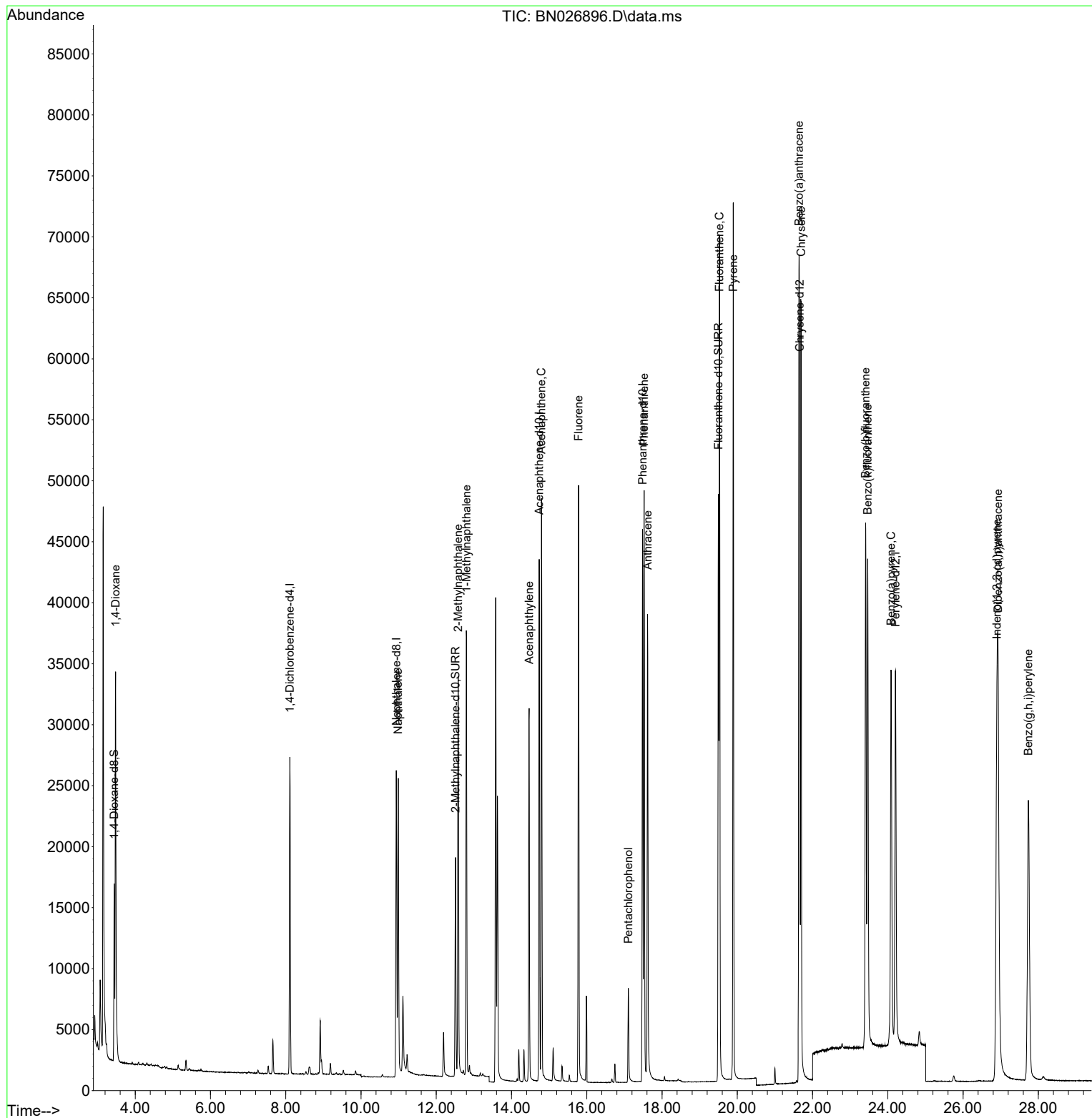
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.110	152	13420	0.400	ng/ul	0.00
4) Naphthalene-d8	10.938	136	38612	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.735	164	23666	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.481	188	53620	0.400	ng/ul	0.00
17) Chrysene-d12	21.656	240	46111	0.400	ng/ul	0.00
23) Perylene-d12	24.202	264	48183	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.439	96	10564	0.663	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.511	152	23624	0.416	ng/ul	0.00
18) Fluoranthene-d10	19.497	212	54856	0.377	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.477	88	23981	1.474	ng/ul#	90
5) Naphthalene	10.988	128	34119	0.313	ng/ul	100
7) 2-Methylnaphthalene	12.583	142	23435	0.355	ng/ul	100
8) 1-Methylnaphthalene	12.803	142	25773	0.373	ng/ul	100
10) Acenaphthylene	14.467	152	34811	0.263	ng/ul	99
11) Acenaphthene	14.795	153	27797	0.303	ng/ul	97
12) Fluorene	15.781	166	31482	0.303	ng/ul	98
14) Pentachlorophenol	17.105	266	5343	0.352	ng/ul	100
15) Phenanthrene	17.523	178	52538	0.298	ng/ul	100
16) Anthracene	17.616	178	44385	0.279	ng/ul	100
19) Fluoranthene	19.525	202	60752	0.317	ng/ul	97
20) Pyrene	19.892	202	61041	0.299	ng/ul	98
21) Benzo(a)anthracene	21.638	228	53795	0.293	ng/ul	99
22) Chrysene	21.694	228	57397	0.317	ng/ul	99
24) Benzo(b)fluoranthene	23.410	252	62853	0.345	ng/ul	99
25) Benzo(k)fluoranthene	23.465	252	60214	0.335	ng/ul	100
26) Benzo(a)pyrene	24.085	252	54956	0.334	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.898	276	70565	0.328	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.931	278	54822	0.320	ng/ul	99
29) Benzo(g,h,i)perylene	27.733	276	58134	0.325	ng/ul	99

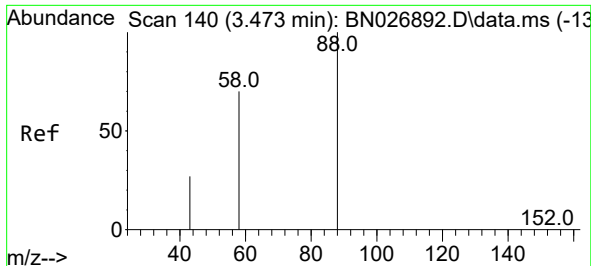
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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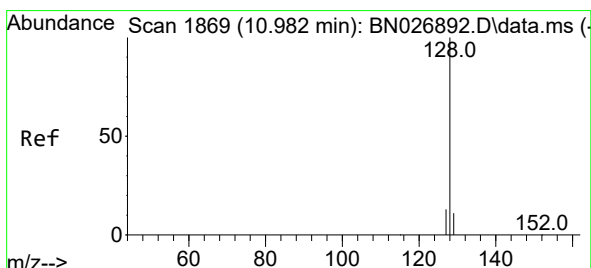
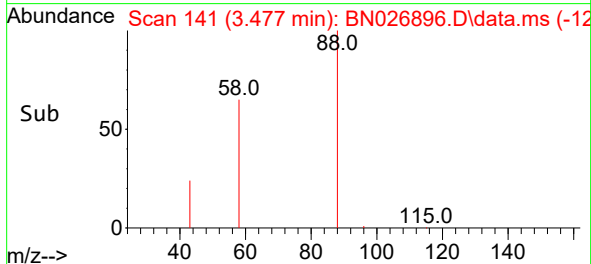
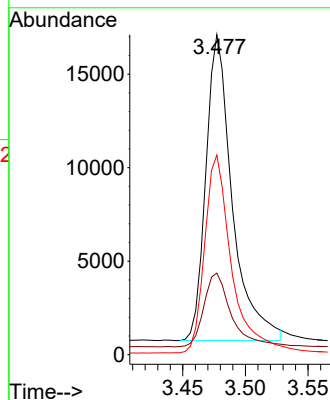
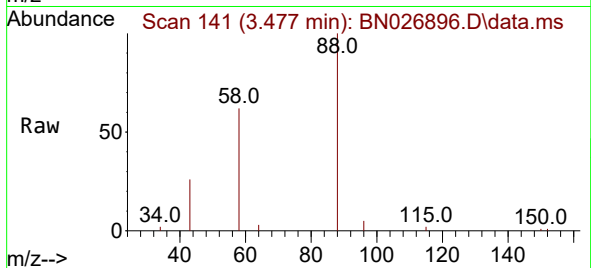




#2
1,4-Dioxane
Concen: 1.474 ng/ul
RT: 3.477 min Scan# 140
Delta R.T. 0.004 min
Lab File: BN026896.D
Acq: 15 Aug 2023 11:58

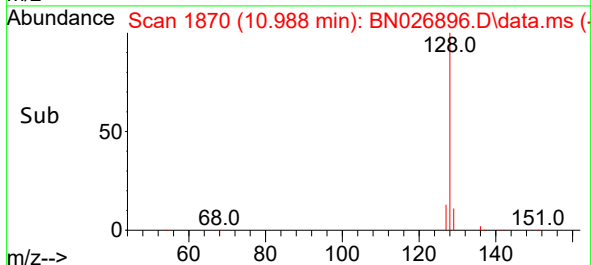
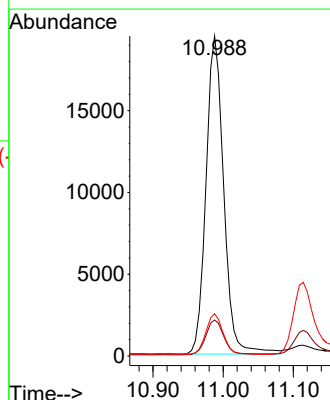
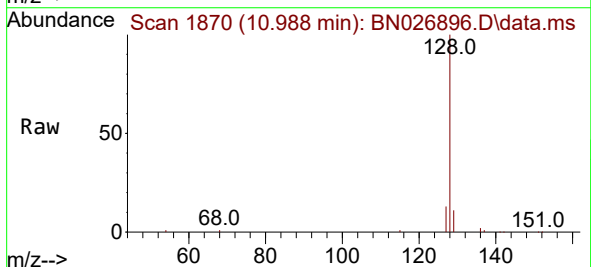
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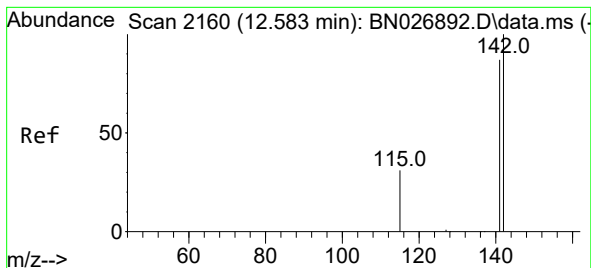
Tgt Ion: 88 Resp: 23981
Ion Ratio Lower Upper
88 100
43 25.5 28.0 42.0#
58 62.4 46.0 69.0



#5
Naphthalene
Concen: 0.313 ng/ul
RT: 10.988 min Scan# 1870
Delta R.T. 0.006 min
Lab File: BN026896.D
Acq: 15 Aug 2023 11:58

Tgt Ion:128 Resp: 34119
Ion Ratio Lower Upper
128 100
129 11.2 9.2 13.8
127 13.2 10.5 15.7





#7

2-Methylnaphthalene

Concen: 0.355 ng/ul

RT: 12.583 min Scan# 2160

Delta R.T. 0.000 min

Lab File: BN026896.D

Acq: 15 Aug 2023 11:58

Instrument :

BNA_N

ClientSampleId :

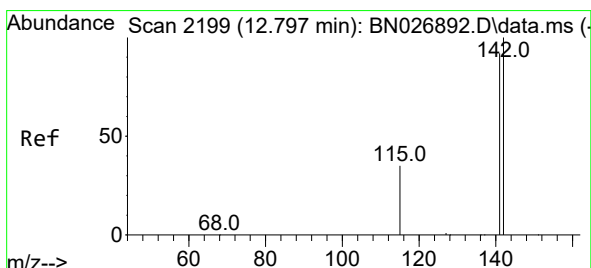
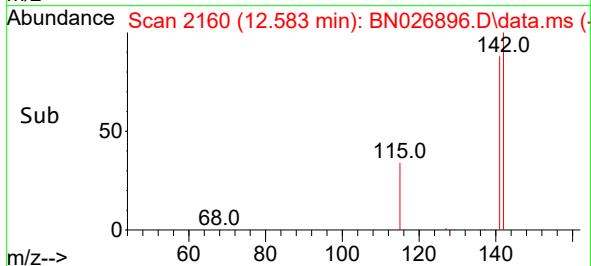
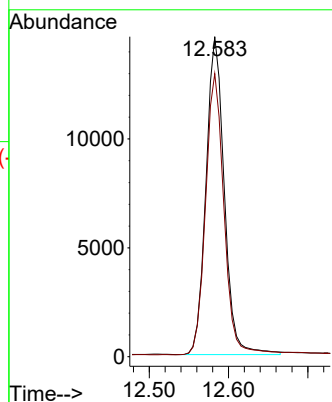
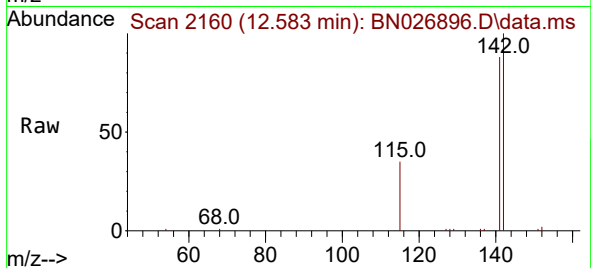
SLCS774

Tgt Ion:142 Resp: 23435

Ion Ratio Lower Upper

142 100

141 88.8 70.9 106.3



#8

1-Methylnaphthalene

Concen: 0.373 ng/ul

RT: 12.803 min Scan# 2200

Delta R.T. 0.006 min

Lab File: BN026896.D

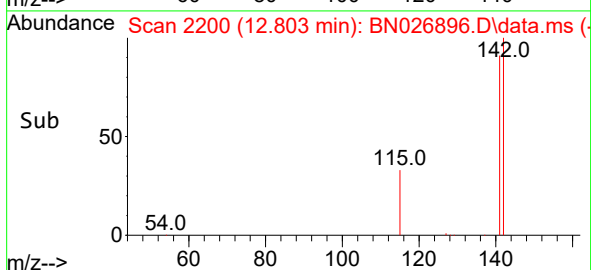
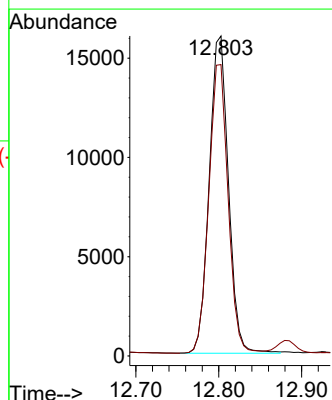
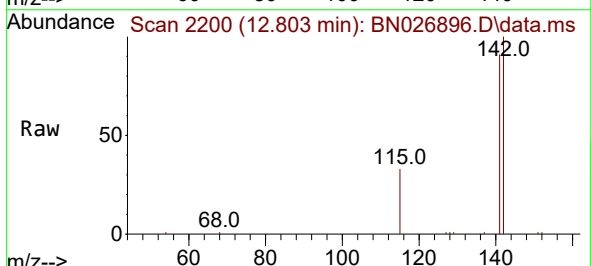
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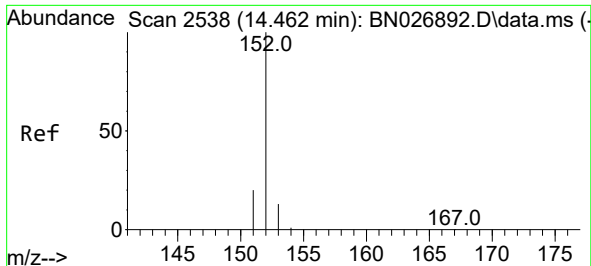
Tgt Ion:142 Resp: 25773

Ion Ratio Lower Upper

142 100

141 91.2 73.2 109.8

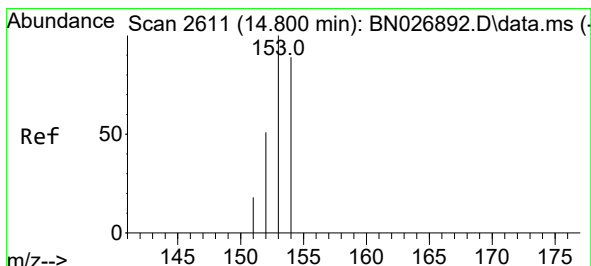
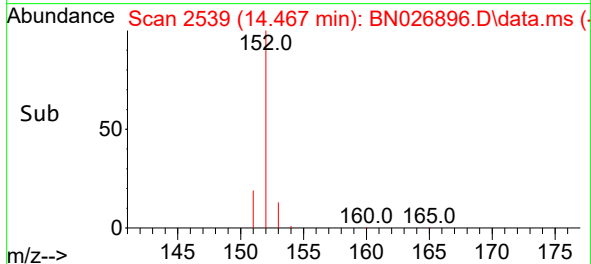
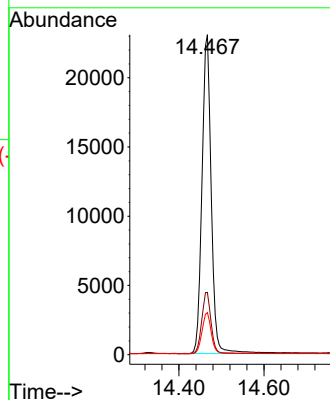
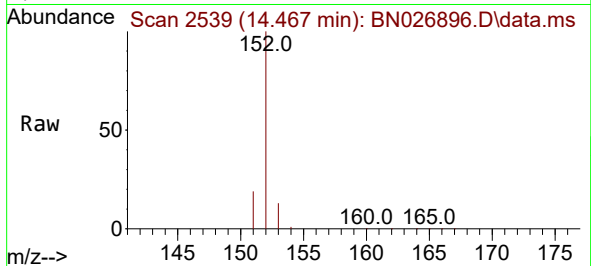




#10
Acenaphthylene
Concen: 0.263 ng/ul
RT: 14.467 min Scan# 21
Delta R.T. 0.005 min
Lab File: BN026896.D
Acq: 15 Aug 2023 11:58

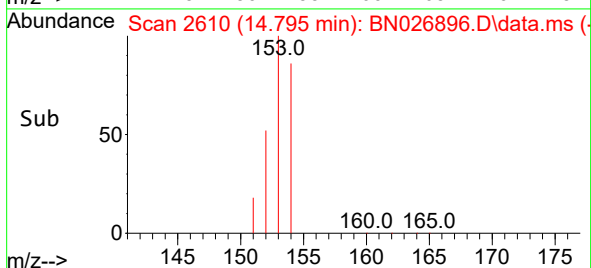
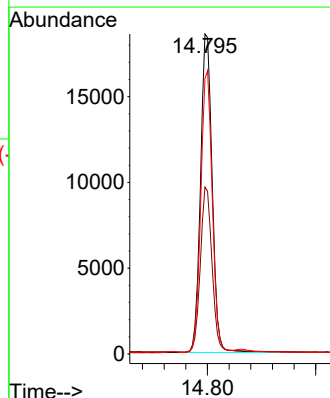
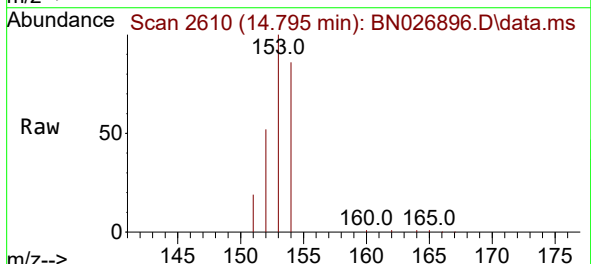
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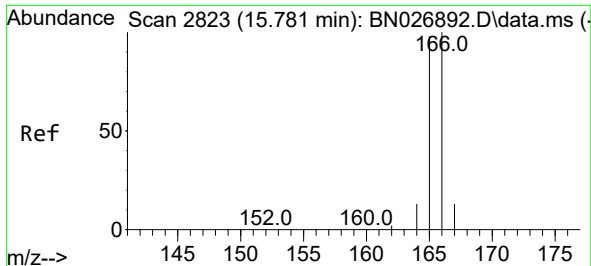
Tgt Ion:152 Resp: 34811
Ion Ratio Lower Upper
152 100
151 19.4 15.9 23.9
153 13.2 11.0 16.6



#11
Acenaphthene
Concen: 0.303 ng/ul
RT: 14.795 min Scan# 2610
Delta R.T. -0.005 min
Lab File: BN026896.D
Acq: 15 Aug 2023 11:58

Tgt Ion:153 Resp: 27797
Ion Ratio Lower Upper
153 100
152 52.2 41.1 61.7
154 86.0 71.6 107.4

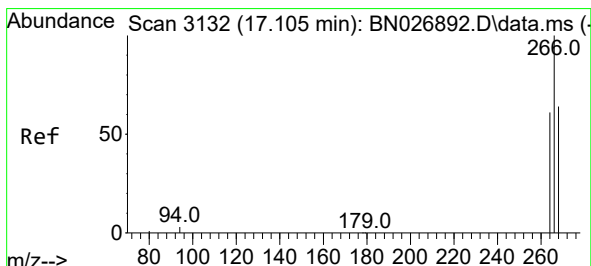
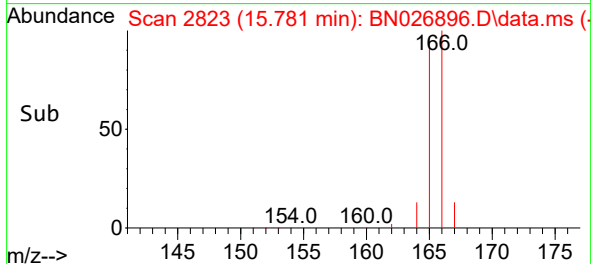
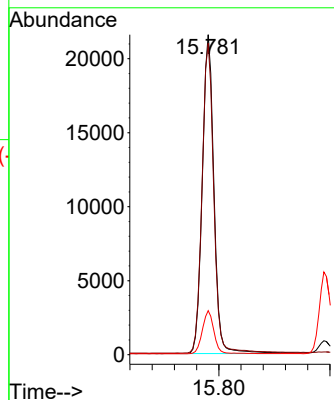
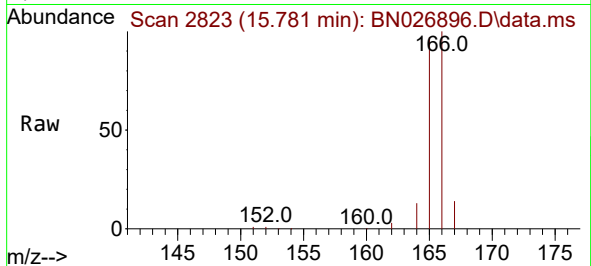




#12
Fluorene
Concen: 0.303 ng/ul
RT: 15.781 min Scan# 2823
Delta R.T. 0.000 min
Lab File: BN026896.D
Acq: 15 Aug 2023 11:58

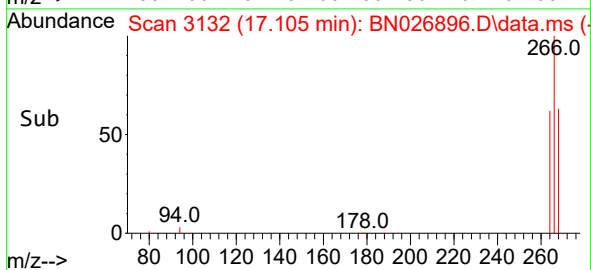
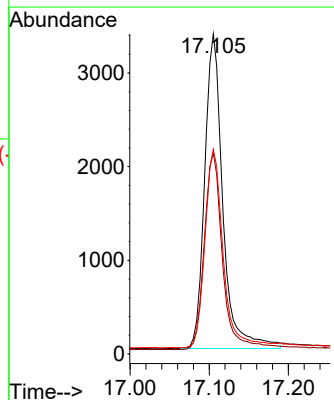
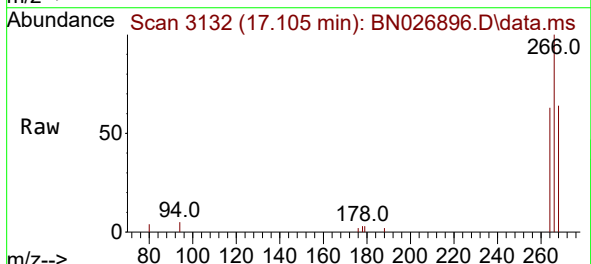
Instrument :
BNA_N
ClientSampleId :
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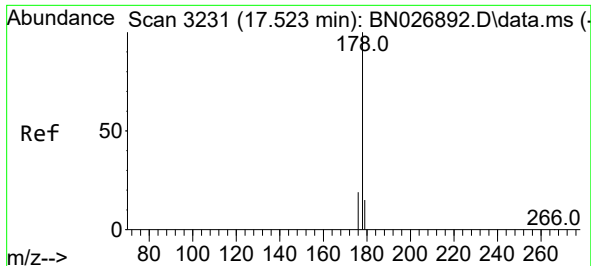
Tgt Ion:166 Resp: 31482
Ion Ratio Lower Upper
166 100
165 97.3 79.1 118.7
167 13.8 11.4 17.0



#14
Pentachlorophenol
Concen: 0.352 ng/ul
RT: 17.105 min Scan# 3132
Delta R.T. 0.000 min
Lab File: BN026896.D
Acq: 15 Aug 2023 11:58

Tgt Ion:266 Resp: 5343
Ion Ratio Lower Upper
266 100
264 63.1 50.4 75.6
268 63.9 51.2 76.8

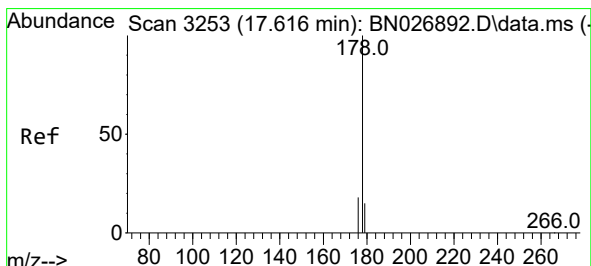
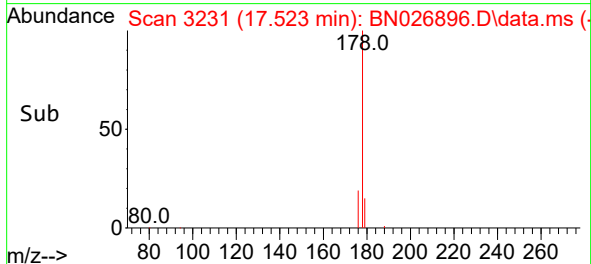
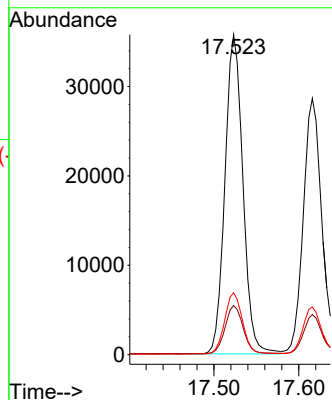
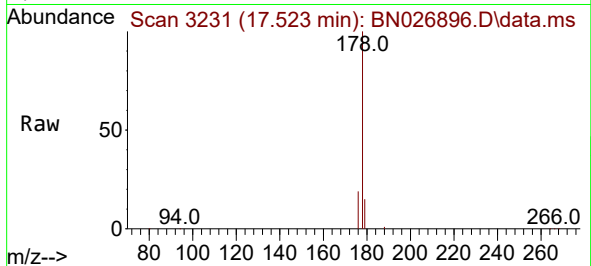




#15
Phenanthrene
Concen: 0.298 ng/ul
RT: 17.523 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN026896.D
Acq: 15 Aug 2023 11:58

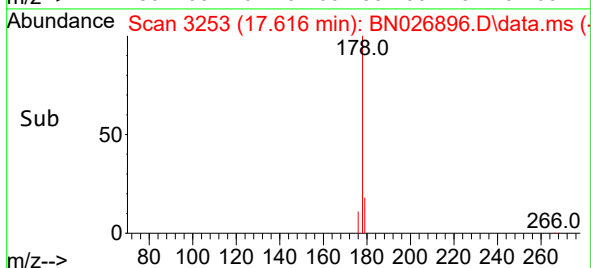
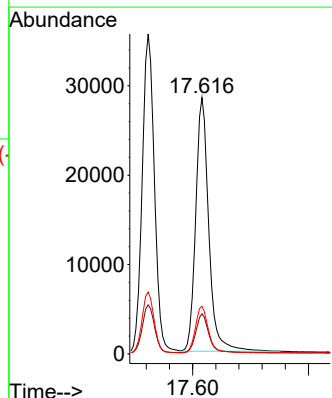
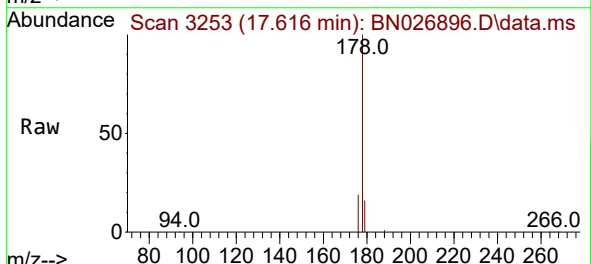
Instrument :
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ClientSampleId :
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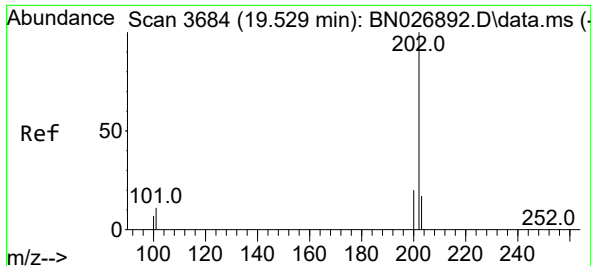
Tgt Ion:178 Resp: 52538
Ion Ratio Lower Upper
178 100
179 15.4 12.6 18.8
176 19.4 15.4 23.2



#16
Anthracene
Concen: 0.279 ng/ul
RT: 17.616 min Scan# 3253
Delta R.T. 0.000 min
Lab File: BN026896.D
Acq: 15 Aug 2023 11:58

Tgt Ion:178 Resp: 44385
Ion Ratio Lower Upper
178 100
179 15.7 12.6 19.0
176 18.6 15.0 22.6

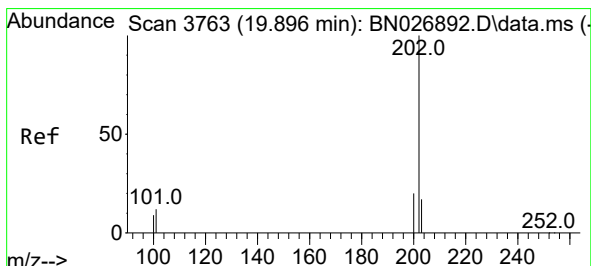
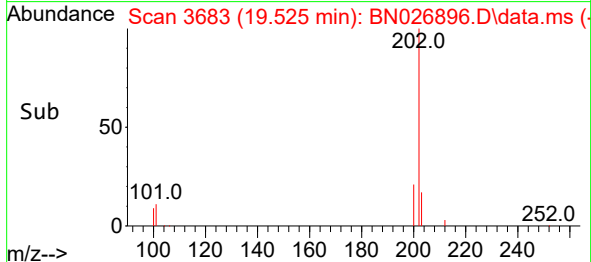
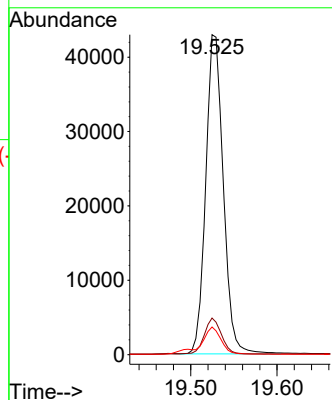
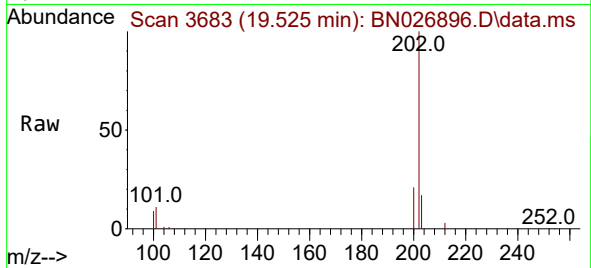




#19
Fluoranthene
Concen: 0.317 ng/ul
RT: 19.525 min Scan# 3683
Delta R.T. -0.005 min
Lab File: BN026896.D
Acq: 15 Aug 2023 11:58

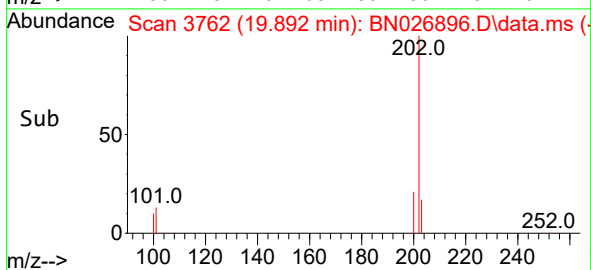
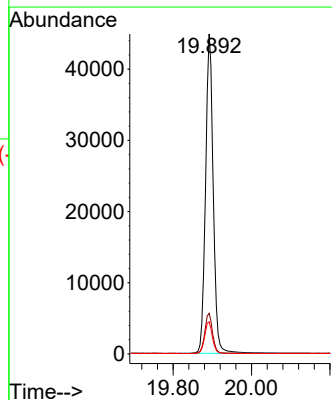
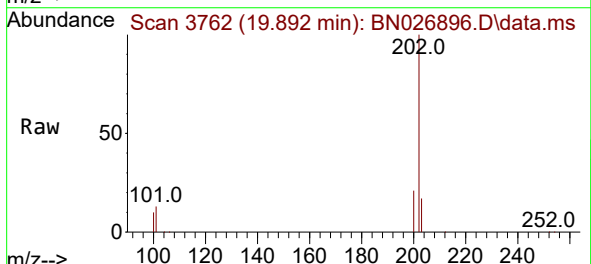
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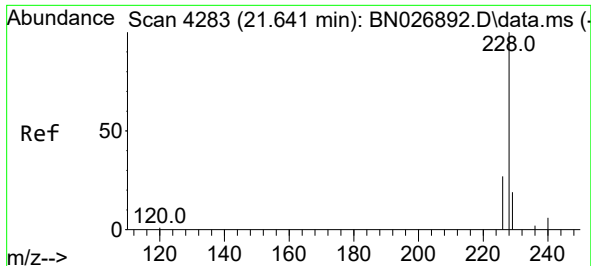
Tgt Ion:202 Resp: 60752
Ion Ratio Lower Upper
202 100
101 11.4 8.3 12.5
100 8.6 6.2 9.2



#20
Pyrene
Concen: 0.299 ng/ul
RT: 19.892 min Scan# 3762
Delta R.T. -0.005 min
Lab File: BN026896.D
Acq: 15 Aug 2023 11:58

Tgt Ion:202 Resp: 61041
Ion Ratio Lower Upper
202 100
101 12.7 10.7 16.1
100 10.0 8.5 12.7

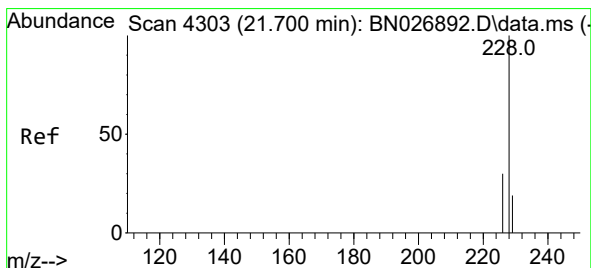
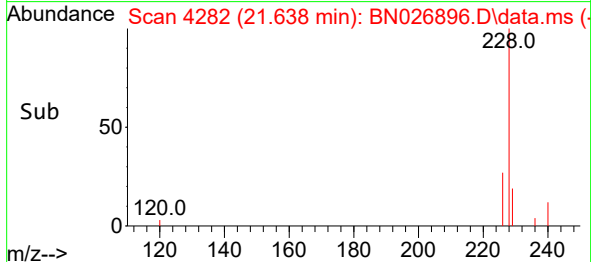
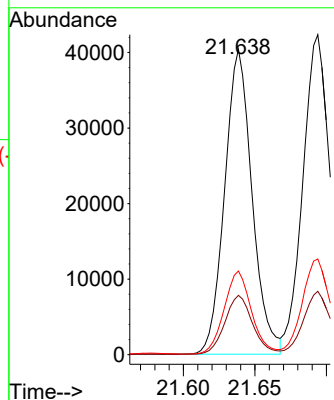
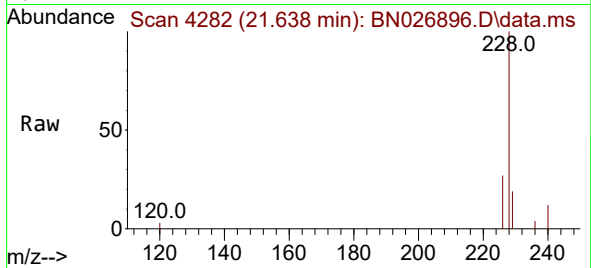




#21
Benzo(a)anthracene
Concen: 0.293 ng/ul
RT: 21.638 min Scan# 4301
Delta R.T. -0.003 min
Lab File: BN026896.D
Acq: 15 Aug 2023 11:58

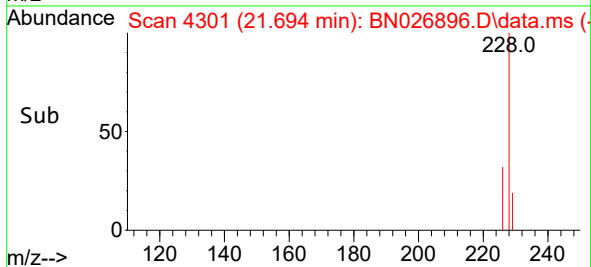
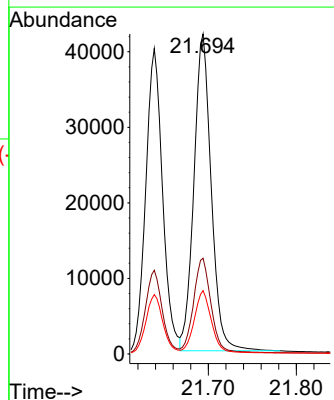
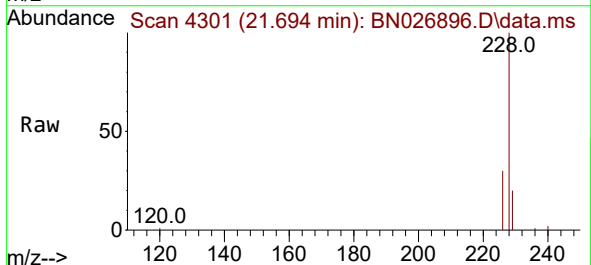
Instrument :
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ClientSampleId :
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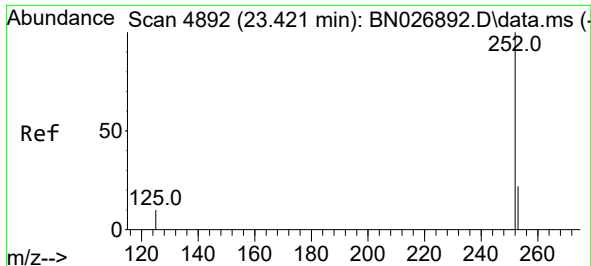
Tgt Ion:228 Resp: 53795
Ion Ratio Lower Upper
228 100
229 19.4 16.0 24.0
226 27.4 22.2 33.2



#22
Chrysene
Concen: 0.317 ng/ul
RT: 21.694 min Scan# 4301
Delta R.T. -0.006 min
Lab File: BN026896.D
Acq: 15 Aug 2023 11:58

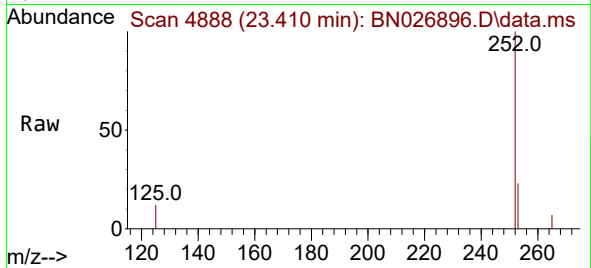
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Ion Ratio Lower Upper
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226 29.9 24.6 36.8
229 19.8 15.8 23.6



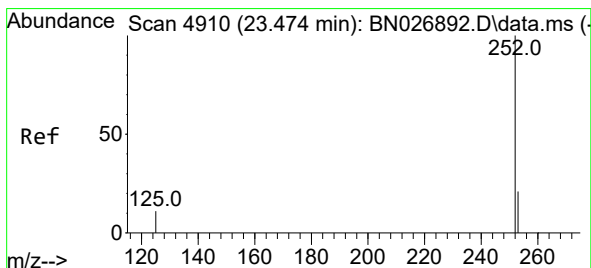
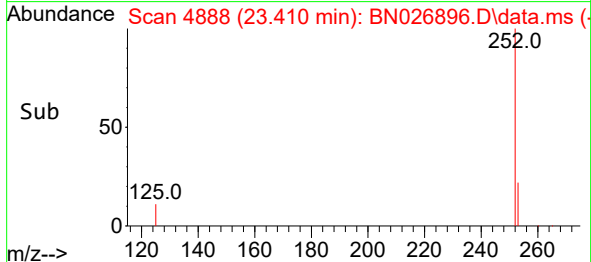
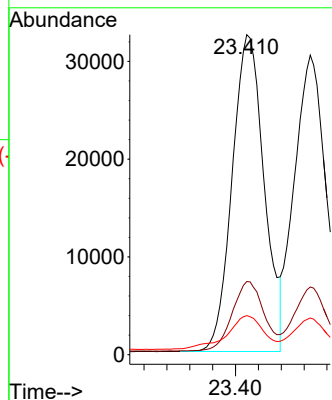


#24
Benzo(b)fluoranthene
Concen: 0.345 ng/ul
RT: 23.410 min Scan# 4888
Delta R.T. -0.012 min
Lab File: BN026896.D
Acq: 15 Aug 2023 11:58

Instrument :
BNA_N
ClientSampleId :
SLCS774

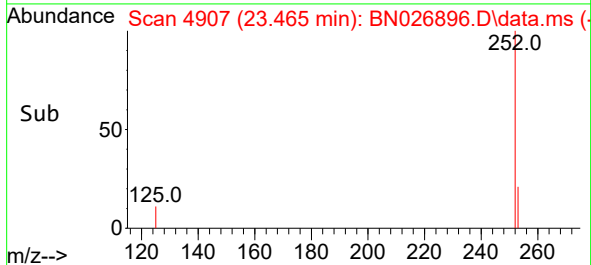
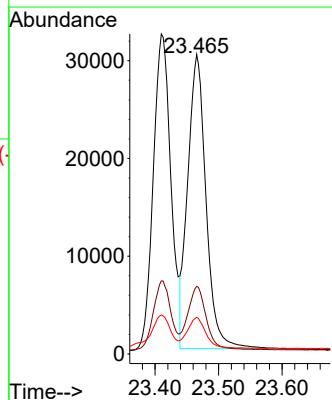
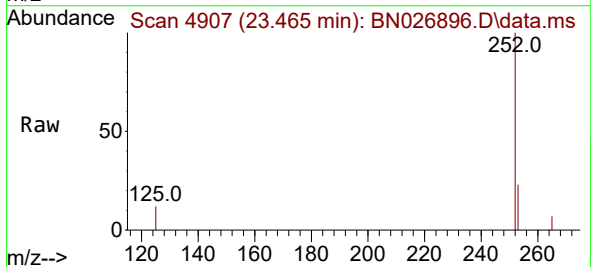


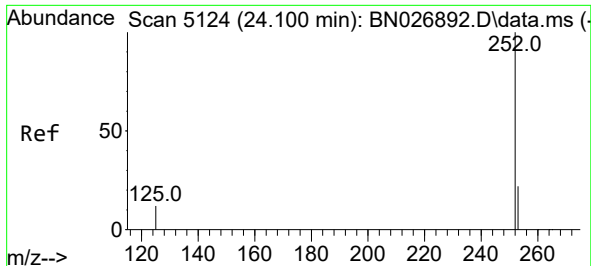
Tgt Ion:252 Resp: 62853
Ion Ratio Lower Upper
252 100
253 22.8 0.0 46.8
125 12.2 0.0 25.2



#25
Benzo(k)fluoranthene
Concen: 0.335 ng/ul
RT: 23.465 min Scan# 4907
Delta R.T. -0.009 min
Lab File: BN026896.D
Acq: 15 Aug 2023 11:58

Tgt Ion:252 Resp: 60214
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.4
125 12.2 9.9 14.9

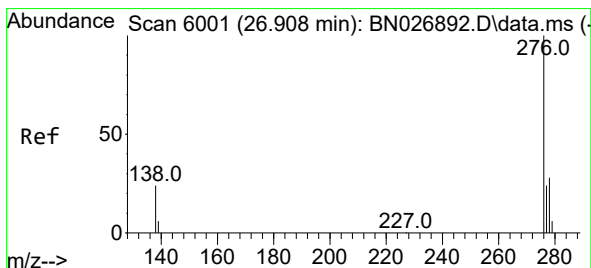
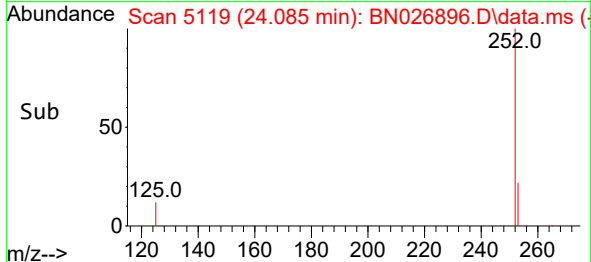
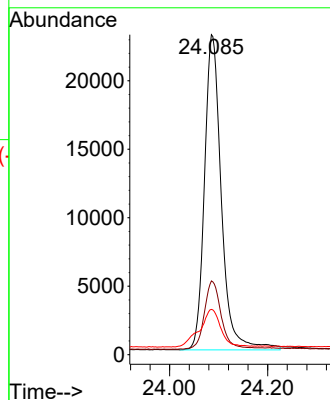
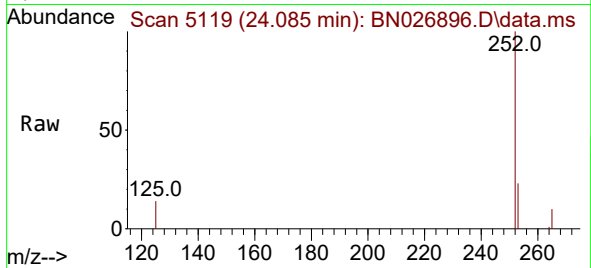




#26
Benzo(a)pyrene
Concen: 0.334 ng/ul
RT: 24.085 min Scan# 51
Delta R.T. -0.015 min
Lab File: BN026896.D
Acq: 15 Aug 2023 11:58

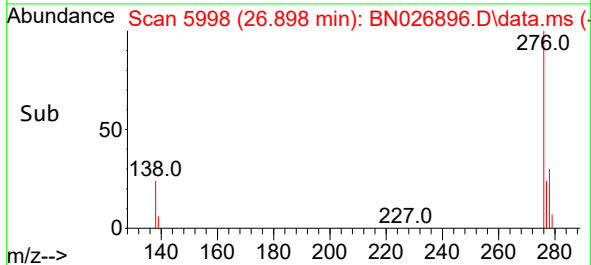
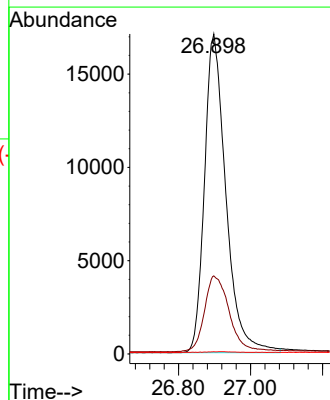
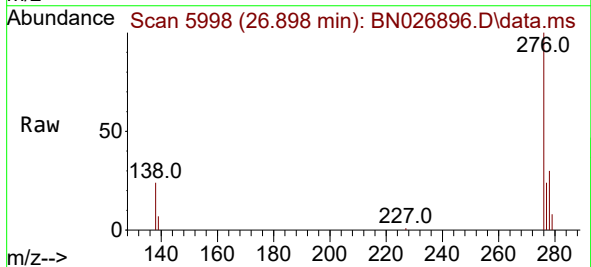
Instrument :
BNA_N
ClientSampleId :
SLCS774

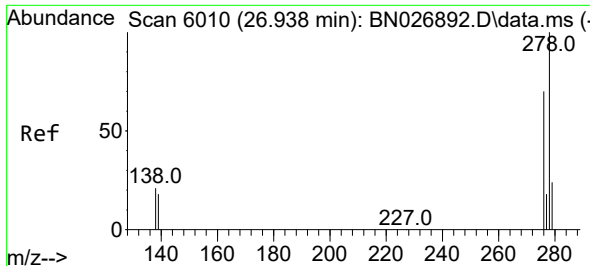
Tgt Ion:252 Resp: 54956
Ion Ratio Lower Upper
252 100
253 23.0 19.0 28.6
125 14.1 11.4 17.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.328 ng/ul
RT: 26.898 min Scan# 5998
Delta R.T. -0.010 min
Lab File: BN026896.D
Acq: 15 Aug 2023 11:58

Tgt Ion:276 Resp: 70565
Ion Ratio Lower Upper
276 100
138 27.7 21.6 32.4
227 0.1 0.0 0.0#

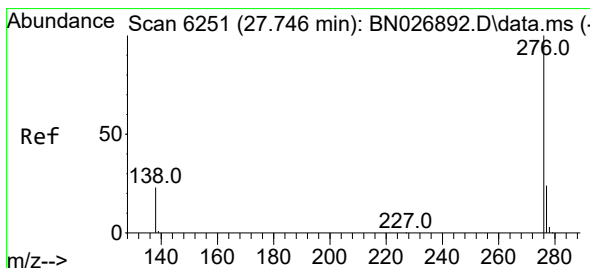
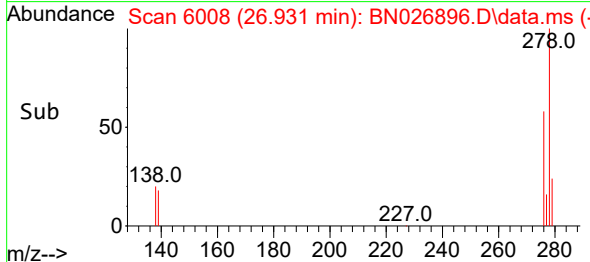
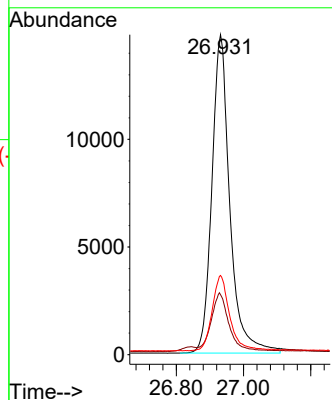
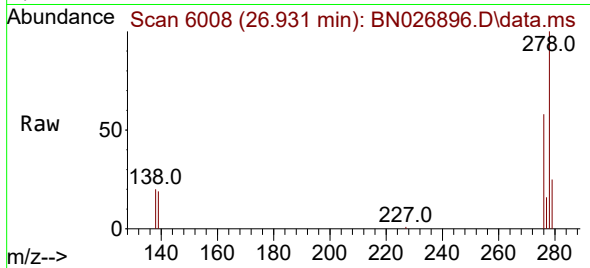




#28
Dibenzo(a,h)anthracene
Concen: 0.320 ng/ul
RT: 26.931 min Scan# 6010
Delta R.T. -0.007 min
Lab File: BN026896.D
Acq: 15 Aug 2023 11:58

Instrument :
BNA_N
ClientSampleId :
SLCS774

Tgt Ion:278 Resp: 54822
Ion Ratio Lower Upper
278 100
139 18.8 15.7 23.5
279 24.8 20.2 30.4



#29
Benzo(g,h,i)perylene
Concen: 0.325 ng/ul
RT: 27.733 min Scan# 6247
Delta R.T. -0.013 min
Lab File: BN026896.D
Acq: 15 Aug 2023 11:58

Tgt Ion:276 Resp: 58134
Ion Ratio Lower Upper
276 100
138 24.3 19.3 28.9
277 24.1 19.8 29.8

