

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092623\
 Data File : BN027873.D
 Acq On : 26 Sep 2023 22:09
 Operator : MA/JU
 Sample : PB155618BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS617

Quant Time: Sep 27 03:02:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 03:58:00 2023
 Response via : Initial Calibration

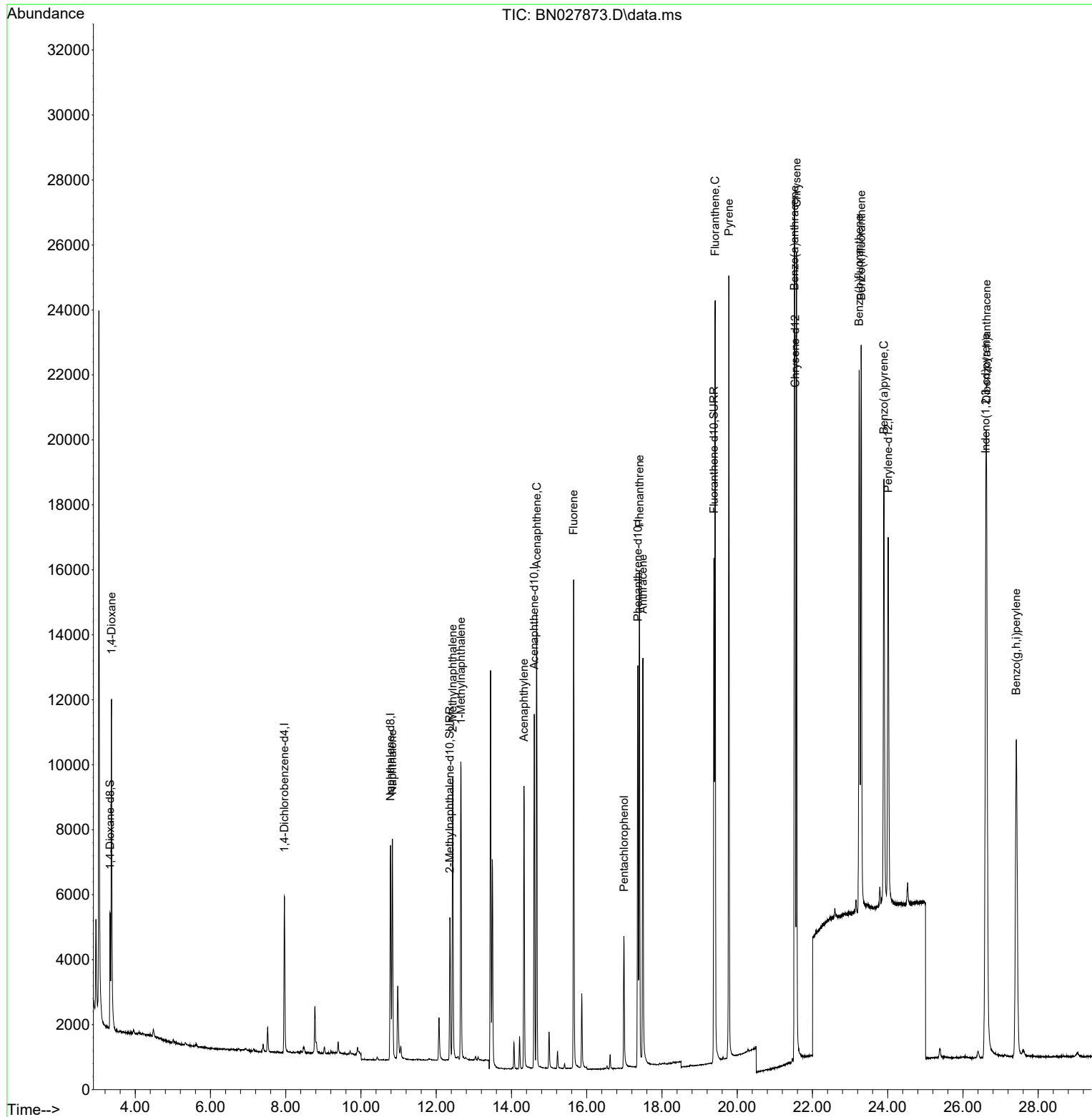
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.966	152	2641	0.400	ng/ul	0.00
4) Naphthalene-d8	10.784	136	8973	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.606	164	6165	0.400	ng/ul	0.01
13) Phenanthrene-d10	17.358	188	15064	0.400	ng/ul	0.02
17) Chrysene-d12	21.539	240	15114	0.400	ng/ul	0.02
23) Perylene-d12	24.012	264	16539	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	2608	0.784	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.363	152	6074	0.447	ng/ul	0.00
18) Fluoranthene-d10	19.380	212	17649	0.382	ng/ul	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.368	88	7595	2.194	ng/ul#	85
5) Naphthalene	10.834	128	9613	0.375	ng/ul	99
7) 2-Methylnaphthalene	12.440	142	6551	0.403	ng/ul	100
8) 1-Methylnaphthalene	12.660	142	6462	0.385	ng/ul	98
10) Acenaphthylene	14.333	152	10155	0.377	ng/ul	100
11) Acenaphthene	14.670	153	8128	0.349	ng/ul	97
12) Fluorene	15.651	166	9764	0.357	ng/ul	99
14) Pentachlorophenol	16.987	266	2913	0.826	ng/ul	99
15) Phenanthrene	17.401	178	16716	0.353	ng/ul	98
16) Anthracene	17.494	178	14556	0.367	ng/ul	98
19) Fluoranthene	19.413	202	20197	0.330	ng/ul	100
20) Pyrene	19.780	202	21211	0.337	ng/ul	98
21) Benzo(a)anthracene	21.522	228	21607	0.369	ng/ul	99
22) Chrysene	21.577	228	21910	0.363	ng/ul	99
24) Benzo(b)fluoranthene	23.240	252	23808	0.323	ng/ul	97
25) Benzo(k)fluoranthene	23.296	252	24149	0.338	ng/ul	98
26) Benzo(a)pyrene	23.898	252	22327	0.377	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.606	276	27919	0.367	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.626	278	22779	0.372	ng/ul	98
29) Benzo(g,h,i)perylene	27.418	276	23418	0.363	ng/ul	98

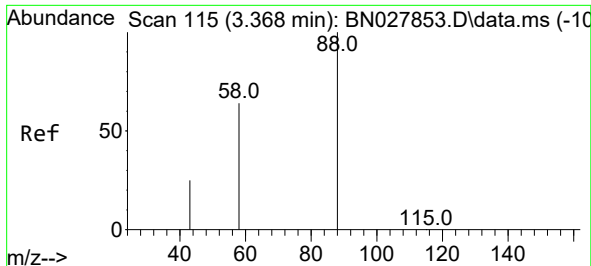
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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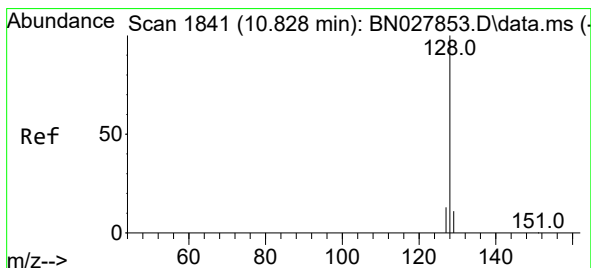
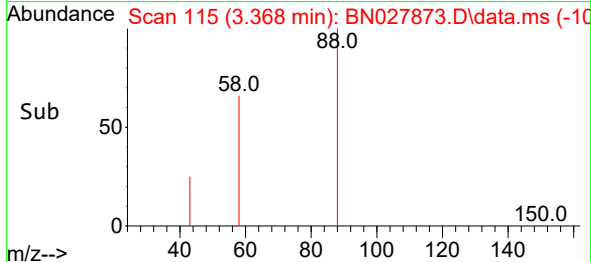
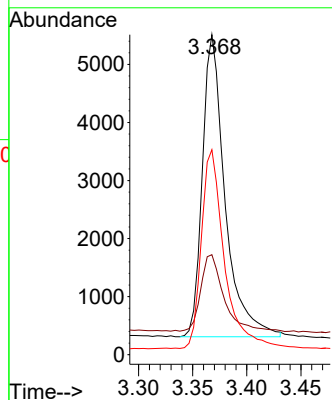
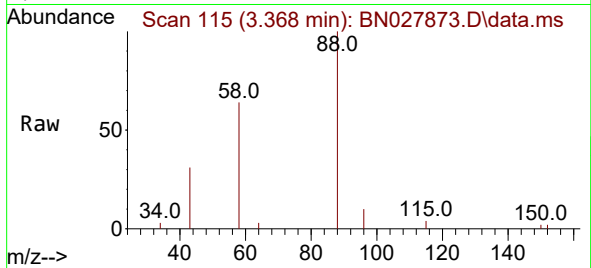




#2
1,4-Dioxane
Concen: 2.194 ng/ul
RT: 3.368 min Scan# 115
Delta R.T. -0.005 min
Lab File: BN027873.D
Acq: 26 Sep 2023 22:09

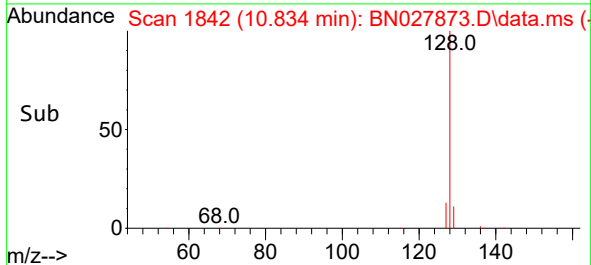
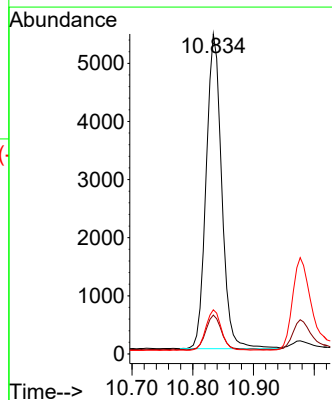
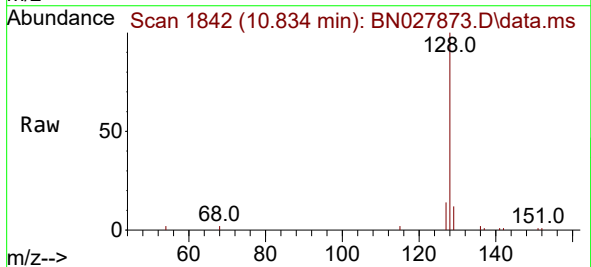
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BNA_N
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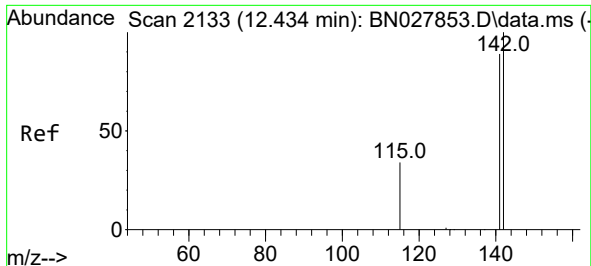
Tgt Ion: 88 Resp: 7595
Ion Ratio Lower Upper
88 100
43 31.3 39.6 59.4#
58 64.1 48.3 72.5



#5
Naphthalene
Concen: 0.375 ng/ul
RT: 10.834 min Scan# 1842
Delta R.T. 0.006 min
Lab File: BN027873.D
Acq: 26 Sep 2023 22:09

Tgt Ion:128 Resp: 9613
Ion Ratio Lower Upper
128 100
129 12.2 9.3 13.9
127 13.8 10.7 16.1

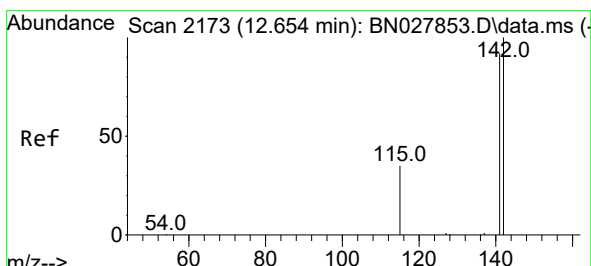
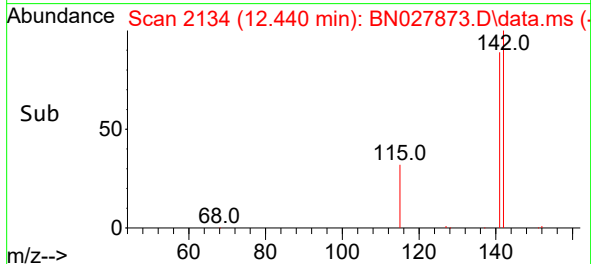
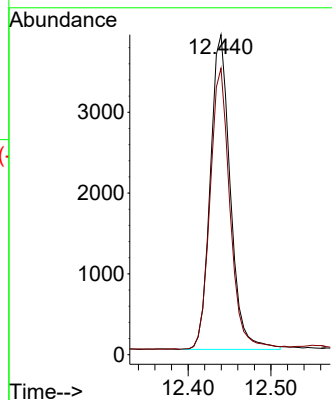
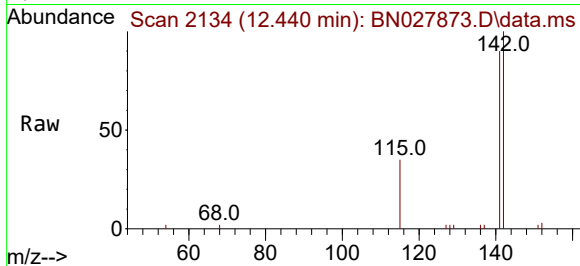




#7
2-Methylnaphthalene
Concen: 0.403 ng/ul
RT: 12.440 min Scan# 2134
Delta R.T. 0.012 min
Lab File: BN027873.D
Acq: 26 Sep 2023 22:09

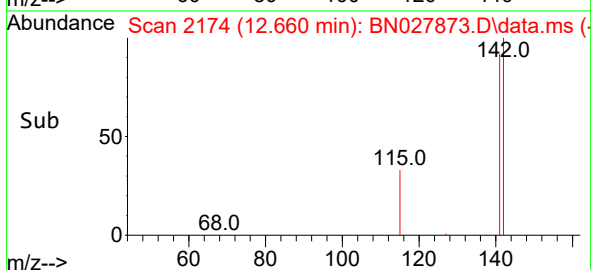
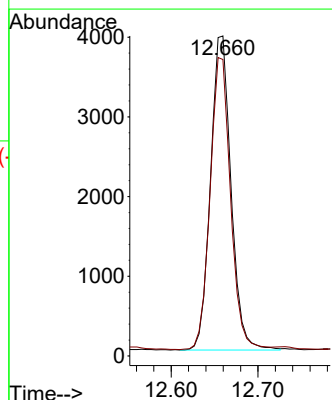
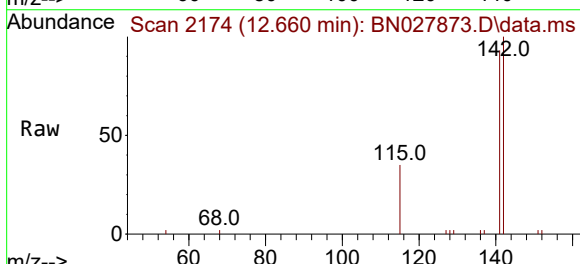
Instrument :
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ClientSampleId :
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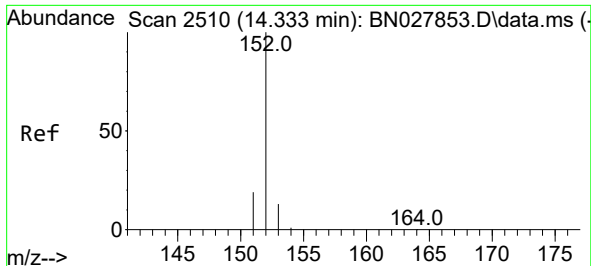
Tgt Ion:142 Resp: 6551
Ion Ratio Lower Upper
142 100
141 88.8 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.385 ng/ul
RT: 12.660 min Scan# 2174
Delta R.T. 0.012 min
Lab File: BN027873.D
Acq: 26 Sep 2023 22:09

Tgt Ion:142 Resp: 6462
Ion Ratio Lower Upper
142 100
141 93.0 72.8 109.2

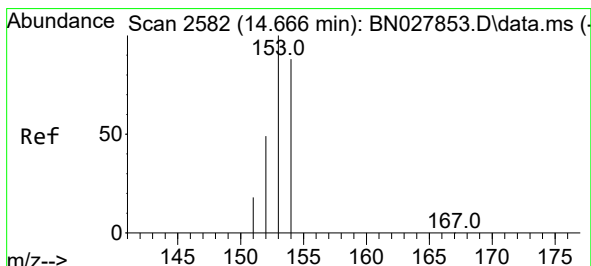
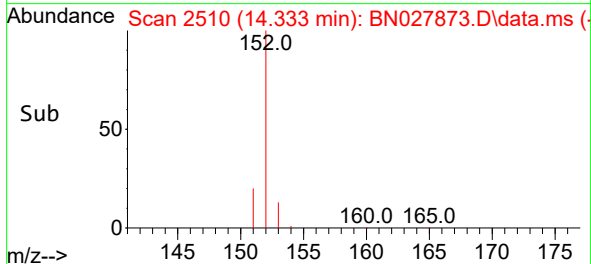
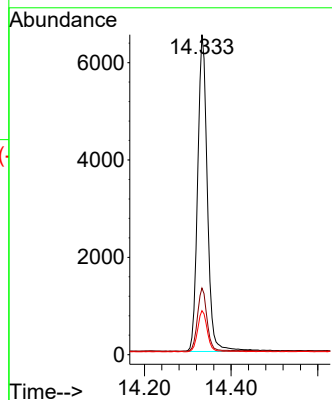
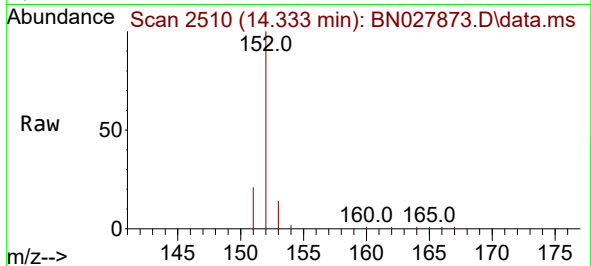




#10
Acenaphthylene
Concen: 0.377 ng/ul
RT: 14.333 min Scan# 2510
Delta R.T. 0.013 min
Lab File: BN027873.D
Acq: 26 Sep 2023 22:09

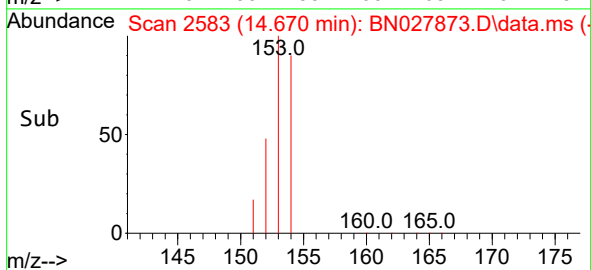
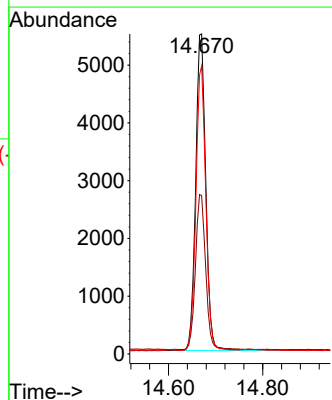
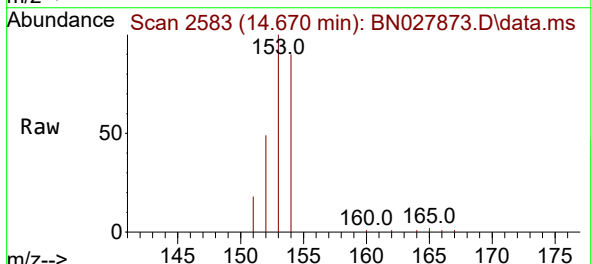
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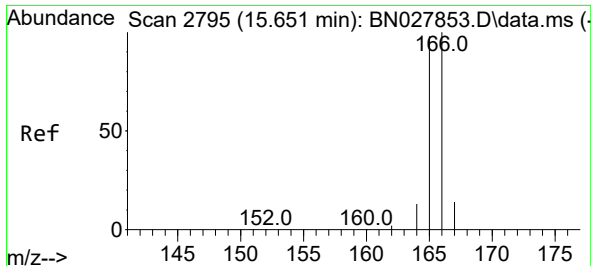
Tgt Ion:152 Resp: 10155
Ion Ratio Lower Upper
152 100
151 20.8 16.6 25.0
153 13.8 11.0 16.6



#11
Acenaphthene
Concen: 0.349 ng/ul
RT: 14.670 min Scan# 2582
Delta R.T. 0.018 min
Lab File: BN027873.D
Acq: 26 Sep 2023 22:09

Tgt Ion:153 Resp: 8128
Ion Ratio Lower Upper
153 100
152 49.5 41.7 62.5
154 90.0 70.3 105.5

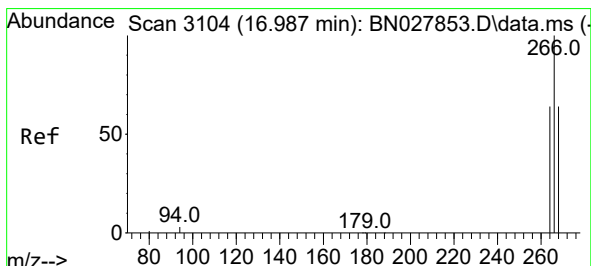
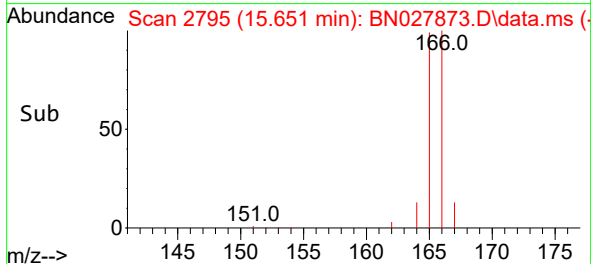
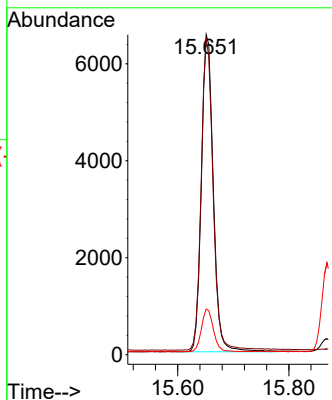
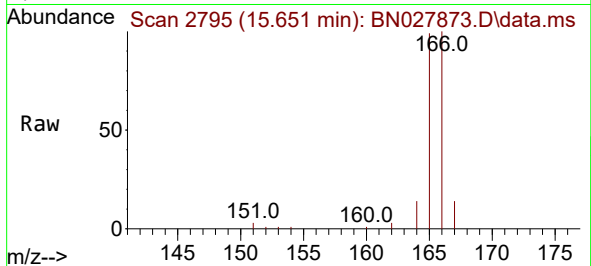




#12
Fluorene
Concen: 0.357 ng/ul
RT: 15.651 min Scan# 21
Delta R.T. 0.013 min
Lab File: BN027873.D
Acq: 26 Sep 2023 22:09

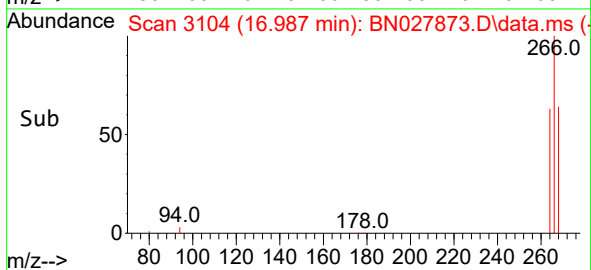
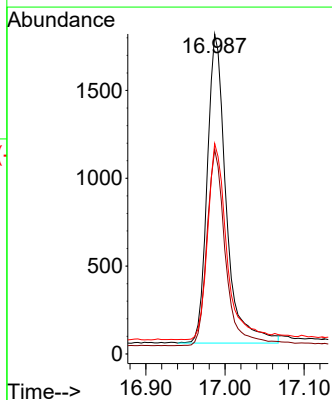
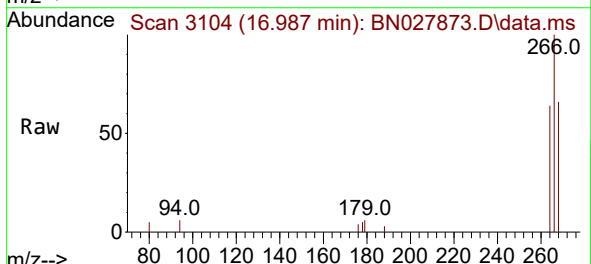
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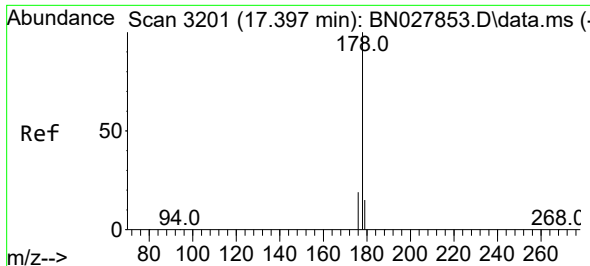
Tgt Ion:166 Resp: 9764
Ion Ratio Lower Upper
166 100
165 99.1 78.0 117.0
167 14.3 11.4 17.2



#14
Pentachlorophenol
Concen: 0.826 ng/ul
RT: 16.987 min Scan# 3104
Delta R.T. 0.016 min
Lab File: BN027873.D
Acq: 26 Sep 2023 22:09

Tgt Ion:266 Resp: 2913
Ion Ratio Lower Upper
266 100
264 62.5 49.6 74.4
268 64.8 50.7 76.1

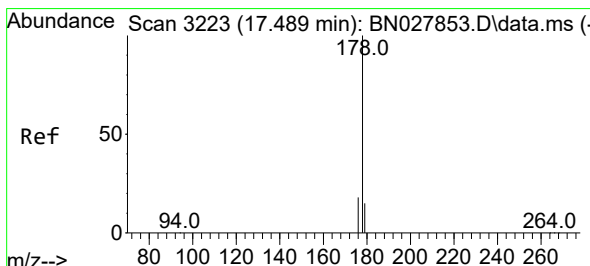
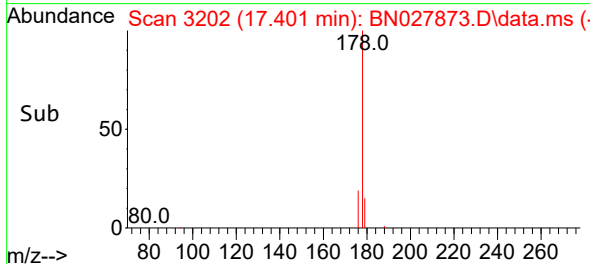
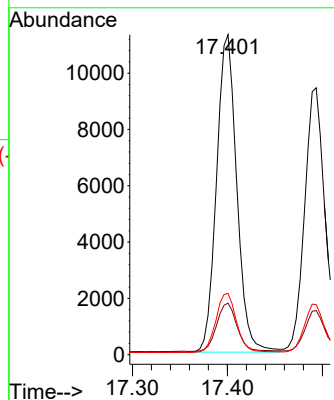
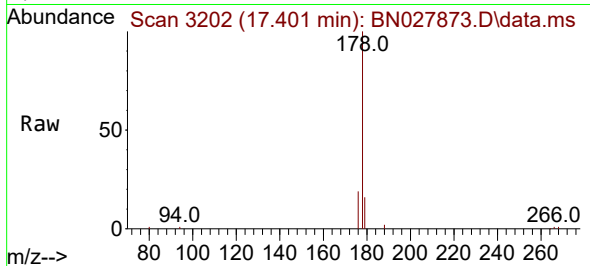




#15
Phenanthrene
Concen: 0.353 ng/ul
RT: 17.401 min Scan# 31
Delta R.T. 0.016 min
Lab File: BN027873.D
Acq: 26 Sep 2023 22:09

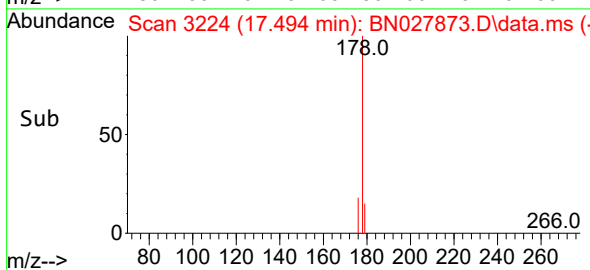
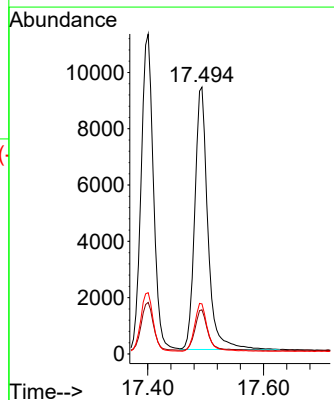
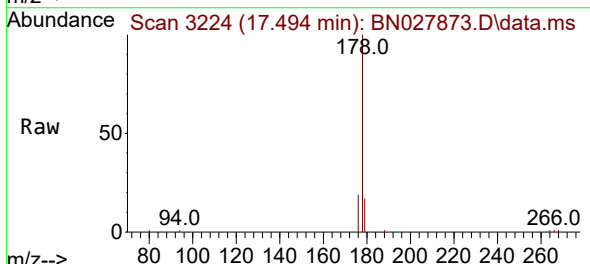
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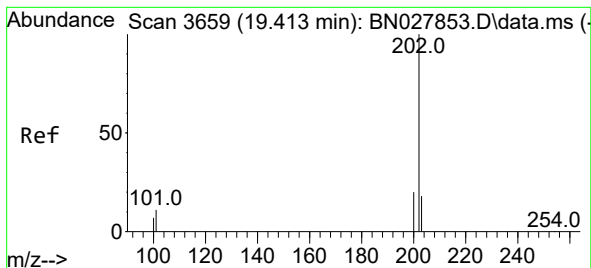
Tgt Ion:178 Resp: 16716
Ion Ratio Lower Upper
178 100
179 16.1 12.4 18.6
176 19.1 16.0 24.0



#16
Anthracene
Concen: 0.367 ng/ul
RT: 17.494 min Scan# 3224
Delta R.T. 0.016 min
Lab File: BN027873.D
Acq: 26 Sep 2023 22:09

Tgt Ion:178 Resp: 14556
Ion Ratio Lower Upper
178 100
179 16.6 12.6 19.0
176 18.8 15.5 23.3





#19

Fluoranthene

Concen: 0.330 ng/ul

RT: 19.413 min Scan# 3659

Delta R.T. 0.018 min

Lab File: BN027873.D

Acq: 26 Sep 2023 22:09

Instrument :

BNA_N

ClientSampleId :

SLCS617

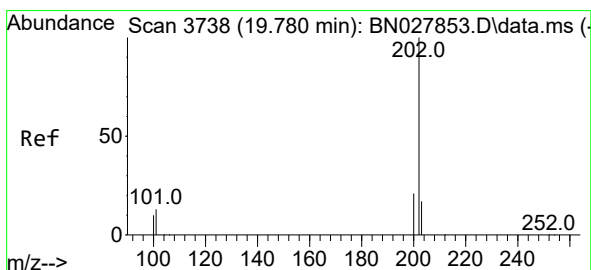
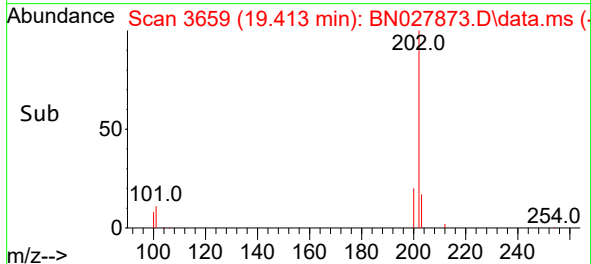
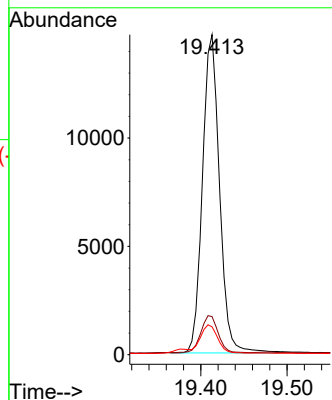
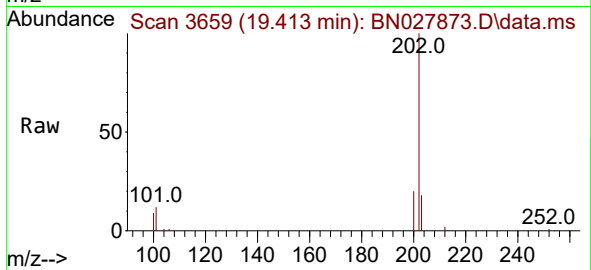
Tgt Ion:202 Resp: 20197

Ion Ratio Lower Upper

202 100

101 11.9 9.3 13.9

100 8.7 7.0 10.4



#20

Pyrene

Concen: 0.337 ng/ul

RT: 19.780 min Scan# 3738

Delta R.T. 0.018 min

Lab File: BN027873.D

Acq: 26 Sep 2023 22:09

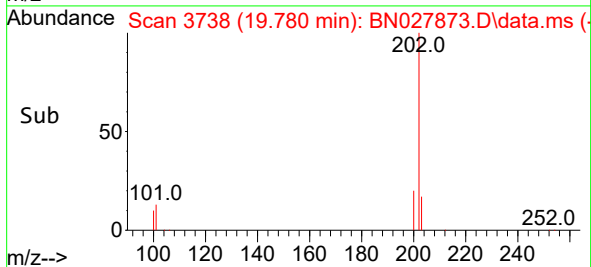
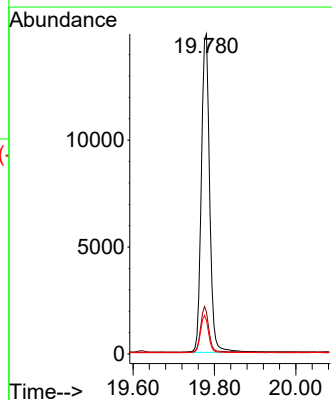
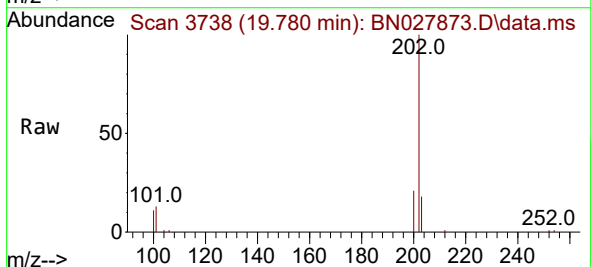
Tgt Ion:202 Resp: 21211

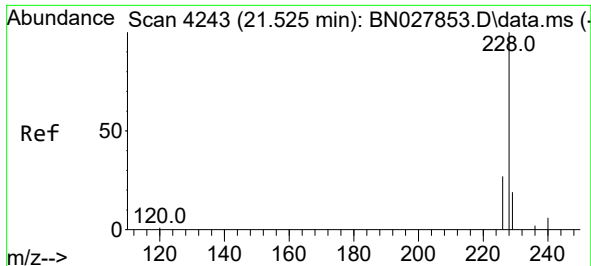
Ion Ratio Lower Upper

202 100

101 13.2 11.4 17.0

100 10.5 9.1 13.7

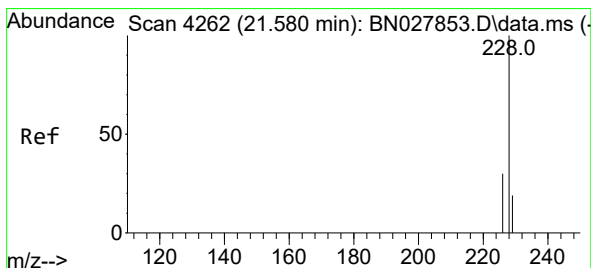
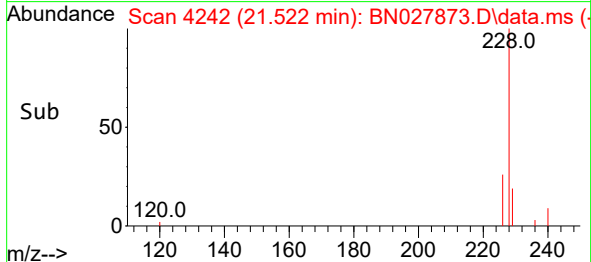
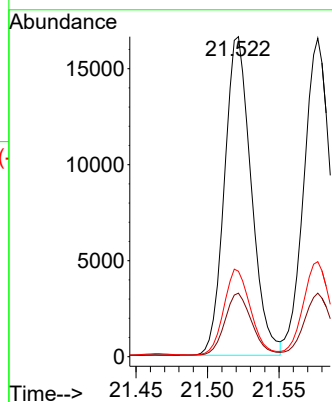
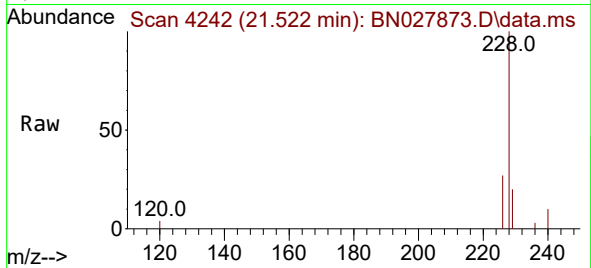




#21
Benzo(a)anthracene
Concen: 0.369 ng/ul
RT: 21.522 min Scan# 41
Delta R.T. 0.018 min
Lab File: BN027873.D
Acq: 26 Sep 2023 22:09

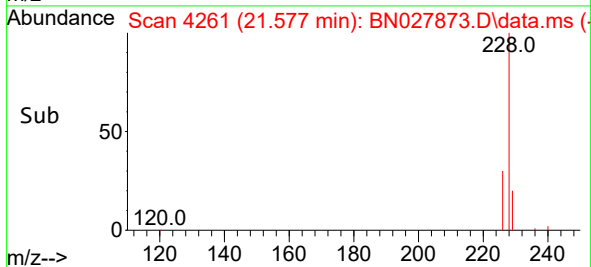
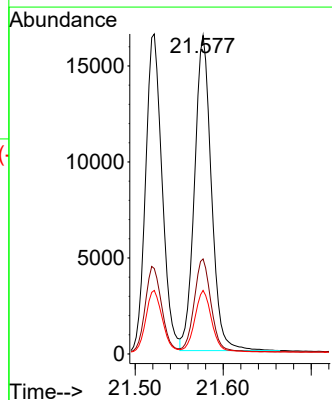
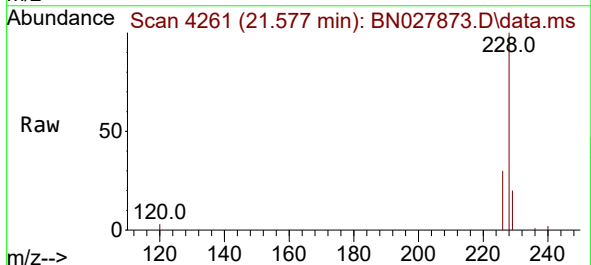
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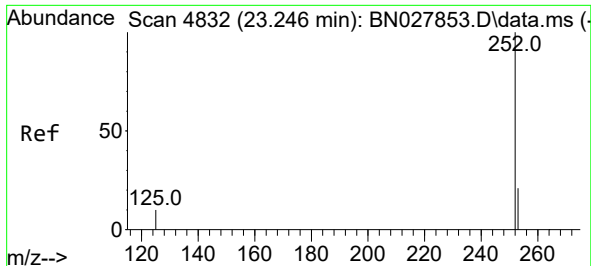
Tgt Ion:228 Resp: 21607
Ion Ratio Lower Upper
228 100
229 19.9 15.8 23.8
226 26.7 22.0 33.0



#22
Chrysene
Concen: 0.363 ng/ul
RT: 21.577 min Scan# 4261
Delta R.T. 0.018 min
Lab File: BN027873.D
Acq: 26 Sep 2023 22:09

Tgt Ion:228 Resp: 21910
Ion Ratio Lower Upper
228 100
226 29.8 24.5 36.7
229 19.9 16.0 24.0

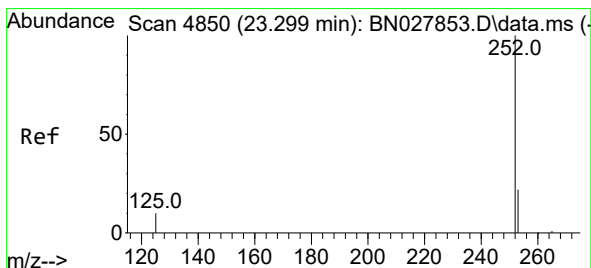
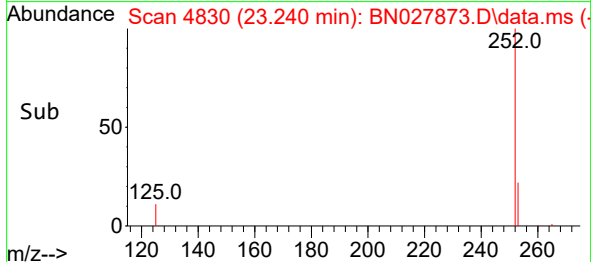
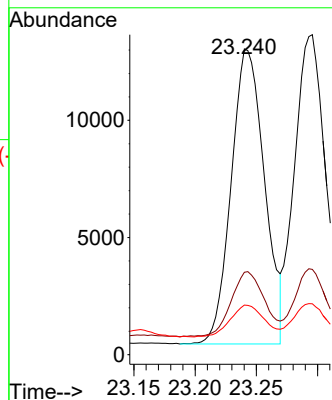
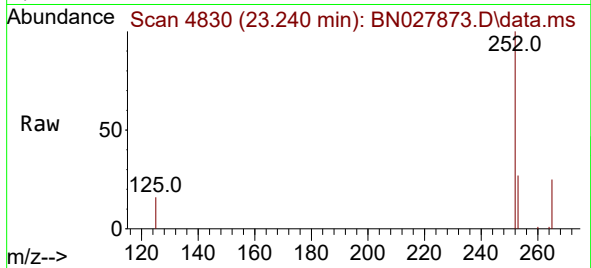




#24
Benzo(b)fluoranthene
Concen: 0.323 ng/ul
RT: 23.240 min Scan# 4832
Delta R.T. 0.000 min
Lab File: BN027873.D
Acq: 26 Sep 2023 22:09

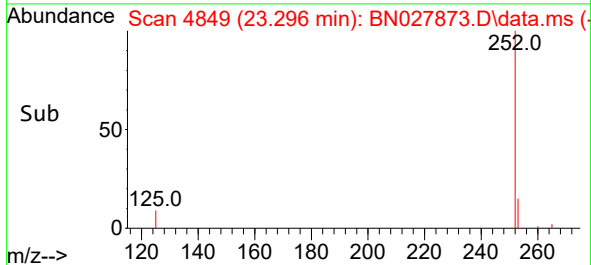
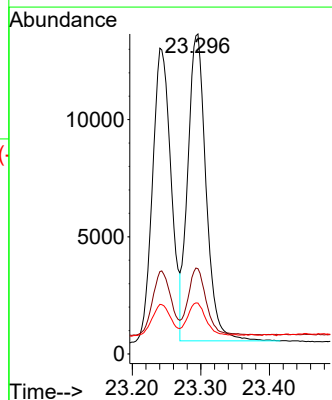
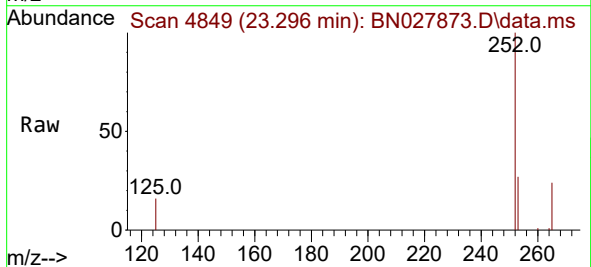
Instrument :
BNA_N
ClientSampleId :
SLCS617

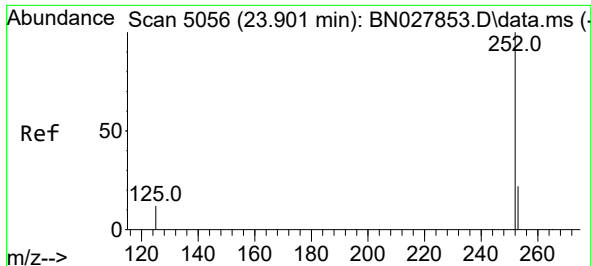
Tgt Ion:252 Resp: 23808
Ion Ratio Lower Upper
252 100
253 26.9 0.0 50.2
125 16.2 0.0 31.4



#25
Benzo(k)fluoranthene
Concen: 0.338 ng/ul
RT: 23.296 min Scan# 4849
Delta R.T. 0.003 min
Lab File: BN027873.D
Acq: 26 Sep 2023 22:09

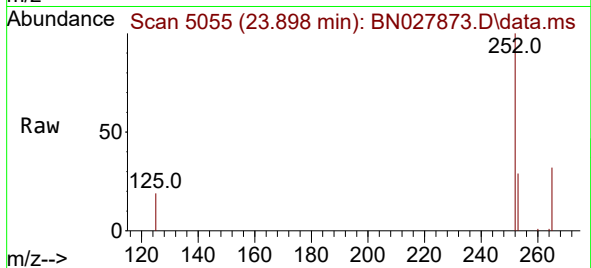
Tgt Ion:252 Resp: 24149
Ion Ratio Lower Upper
252 100
253 26.7 19.9 29.9
125 15.9 12.6 19.0



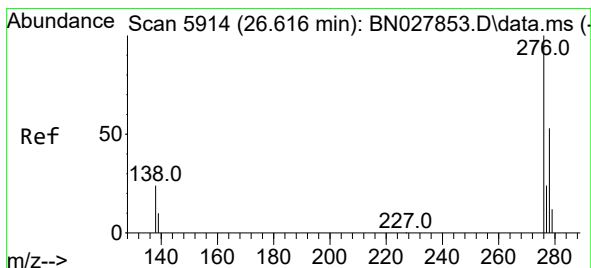
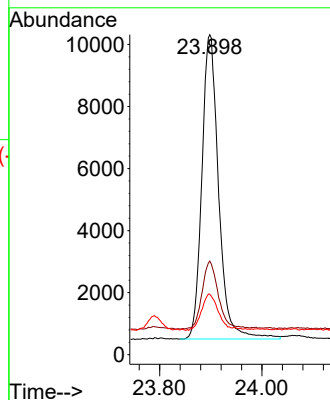
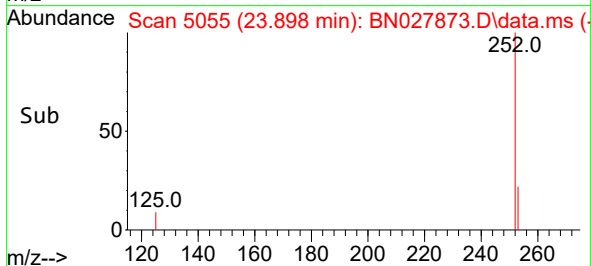


#26
Benzo(a)pyrene
Concen: 0.377 ng/ul
RT: 23.898 min Scan# 5055
Delta R.T. -0.003 min
Lab File: BN027873.D
Acq: 26 Sep 2023 22:09

Instrument :
BNA_N
ClientSampleId :
SLCS617

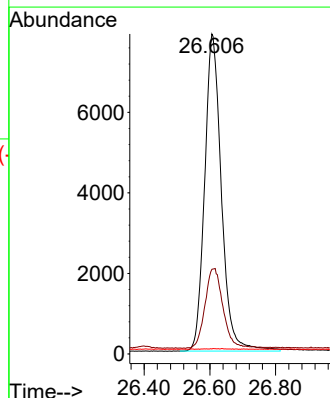
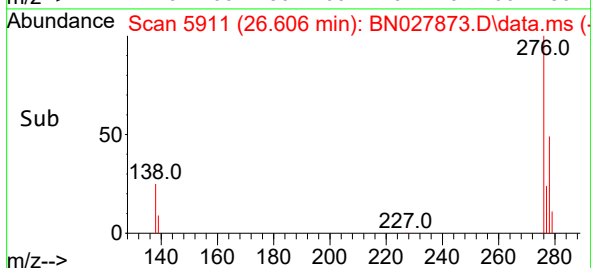
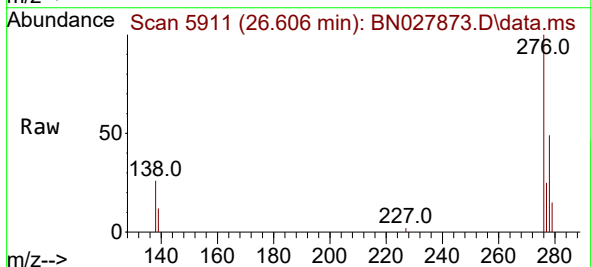


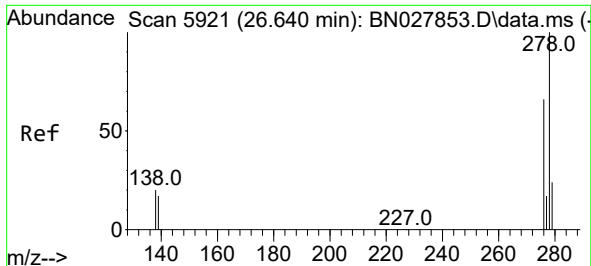
Tgt Ion:252 Resp: 22327
Ion Ratio Lower Upper
252 100
253 29.2 21.9 32.9
125 18.9 15.5 23.3



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.367 ng/ul
RT: 26.606 min Scan# 5911
Delta R.T. -0.027 min
Lab File: BN027873.D
Acq: 26 Sep 2023 22:09

Tgt Ion:276 Resp: 27919
Ion Ratio Lower Upper
276 100
138 27.5 24.3 36.5
227 0.1 0.0 0.0#

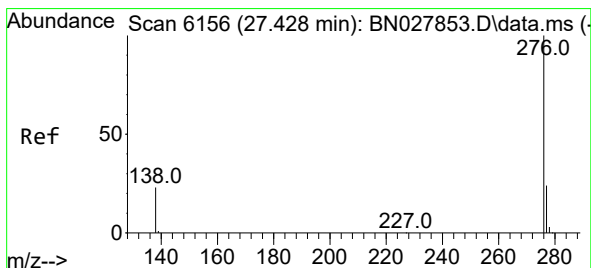
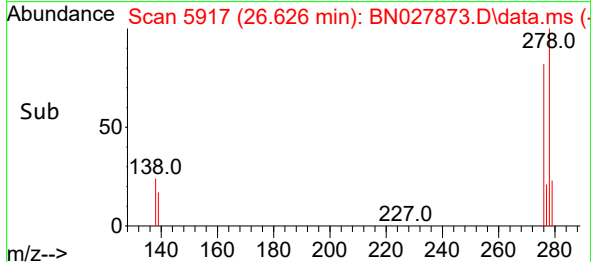
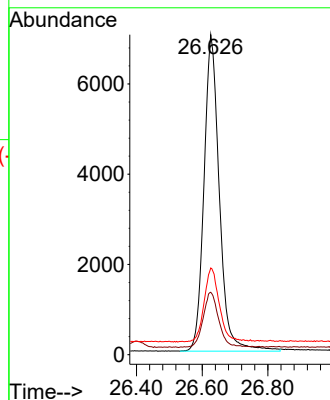
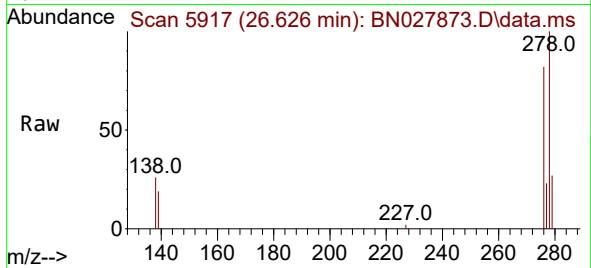




#28
 Dibenzo(a,h)anthracene
 Concen: 0.372 ng/ul
 RT: 26.626 min Scan# 5917
 Delta R.T. -0.030 min
 Lab File: BN027873.D
 Acq: 26 Sep 2023 22:09

Instrument :
 BNA_N
 ClientSampleId :
 SLCS617

Tgt Ion:278 Resp: 22779
 Ion Ratio Lower Upper
 278 100
 139 19.5 17.2 25.8
 279 27.1 21.4 32.0



#29
 Benzo(g,h,i)perylene
 Concen: 0.363 ng/ul
 RT: 27.418 min Scan# 6153
 Delta R.T. -0.037 min
 Lab File: BN027873.D
 Acq: 26 Sep 2023 22:09

Tgt Ion:276 Resp: 23418
 Ion Ratio Lower Upper
 276 100
 138 24.9 21.7 32.5
 277 25.0 20.2 30.2

