

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092623\
 Data File : BN027874.D
 Acq On : 26 Sep 2023 22:45
 Operator : MA/JU
 Sample : PB155621BS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS620

Quant Time: Sep 27 03:02:16 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

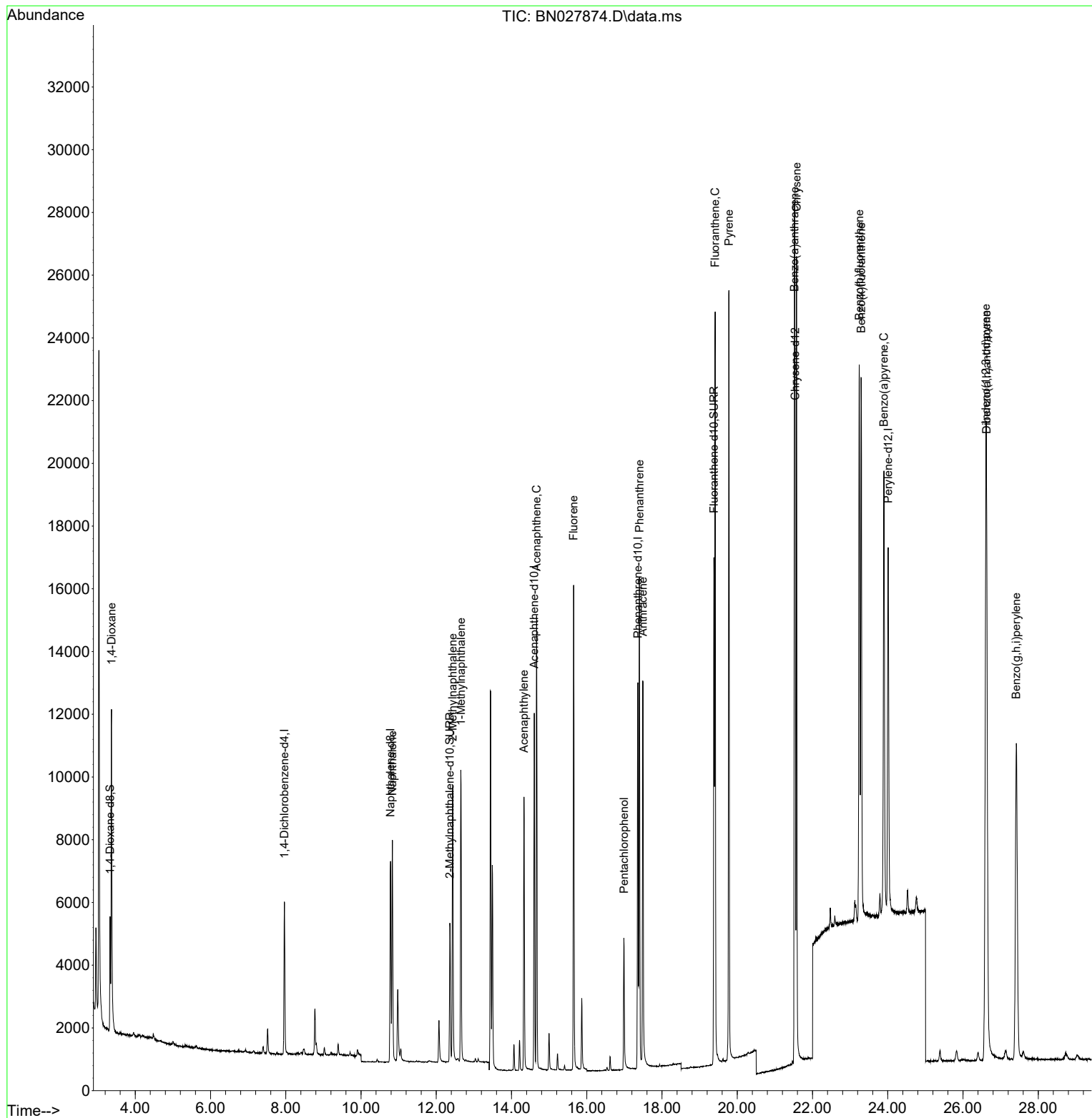
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.966	152	2650	0.400	ng/ul	0.00
4) Naphthalene-d8	10.784	136	8996	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.606	164	6174	0.400	ng/ul	0.01
13) Phenanthrene-d10	17.358	188	14880	0.400	ng/ul	0.02
17) Chrysene-d12	21.539	240	15224	0.400	ng/ul	0.02
23) Perylene-d12	24.012	264	16710	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	2606	0.781	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.363	152	6196	0.455	ng/ul	0.00
18) Fluoranthene-d10	19.380	212	18023	0.388	ng/ul	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.368	88	7714	2.220	ng/ul#	85
5) Naphthalene	10.834	128	9849	0.383	ng/ul	99
7) 2-Methylnaphthalene	12.440	142	6672	0.409	ng/ul	99
8) 1-Methylnaphthalene	12.654	142	6577	0.391	ng/ul	98
10) Acenaphthylene	14.333	152	10342	0.383	ng/ul	99
11) Acenaphthene	14.666	153	8288	0.355	ng/ul	98
12) Fluorene	15.651	166	9835	0.359	ng/ul	99
14) Pentachlorophenol	16.987	266	2942	0.845	ng/ul	98
15) Phenanthrene	17.401	178	16866	0.361	ng/ul	99
16) Anthracene	17.489	178	14711	0.376	ng/ul	99
19) Fluoranthene	19.413	202	20536	0.334	ng/ul	99
20) Pyrene	19.780	202	21390	0.337	ng/ul	99
21) Benzo(a)anthracene	21.521	228	21931	0.372	ng/ul	100
22) Chrysene	21.577	228	22334	0.367	ng/ul	99
24) Benzo(b)fluoranthene	23.243	252	24513	0.329	ng/ul	97
25) Benzo(k)fluoranthene	23.293	252	24763	0.343	ng/ul	98
26) Benzo(a)pyrene	23.898	252	23325	0.389	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.609	276	29293	0.382	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.626	278	23914	0.387	ng/ul	98
29) Benzo(g,h,i)perylene	27.417	276	24584	0.377	ng/ul	97

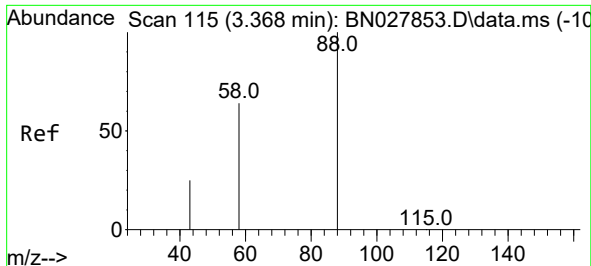
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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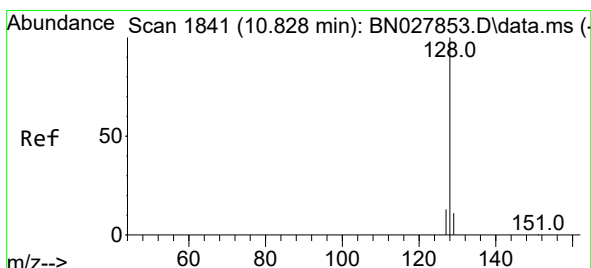
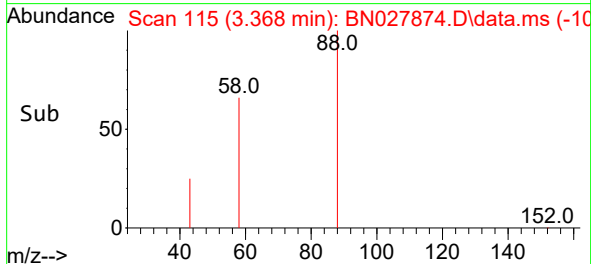
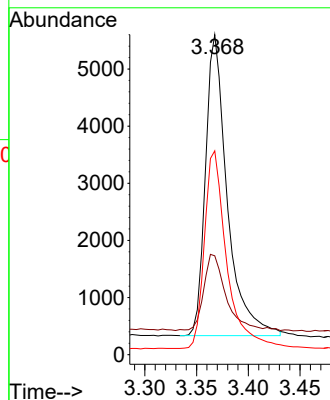
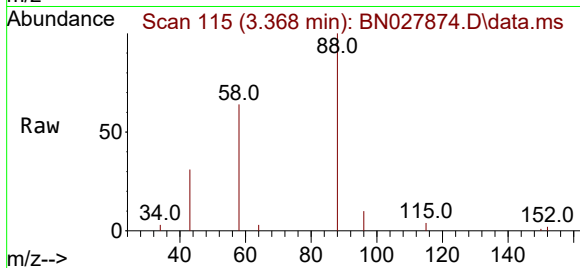




#2
1,4-Dioxane
Concen: 2.220 ng/ul
RT: 3.368 min Scan# 115
Delta R.T. -0.005 min
Lab File: BN027874.D
Acq: 26 Sep 2023 22:45

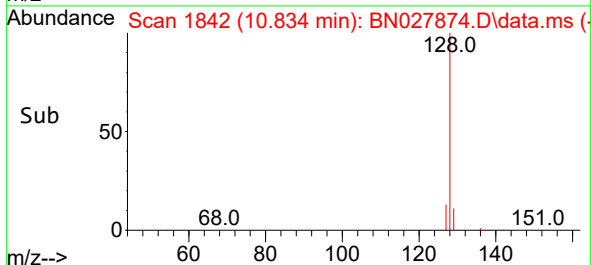
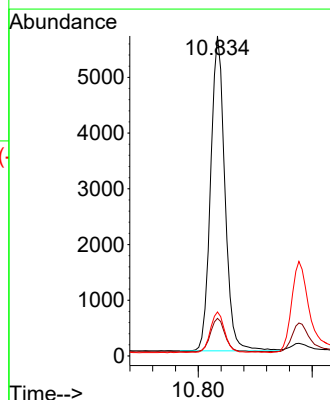
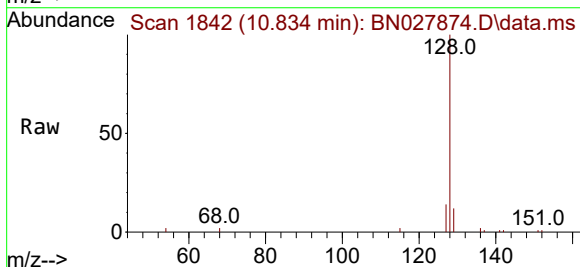
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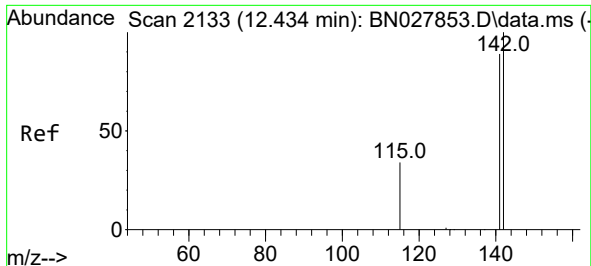
Tgt Ion: 88 Resp: 7714
Ion Ratio Lower Upper
88 100
43 30.9 39.6 59.4#
58 63.7 48.3 72.5



#5
Naphthalene
Concen: 0.383 ng/ul
RT: 10.834 min Scan# 1842
Delta R.T. 0.006 min
Lab File: BN027874.D
Acq: 26 Sep 2023 22:45

Tgt Ion: 128 Resp: 9849
Ion Ratio Lower Upper
128 100
129 11.8 9.3 13.9
127 13.8 10.7 16.1

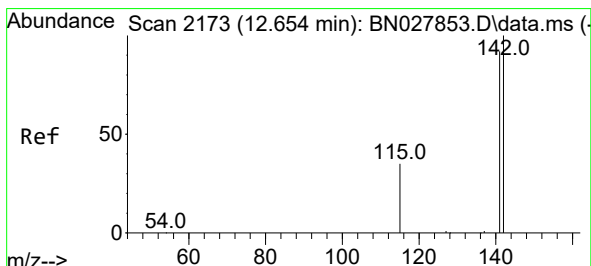
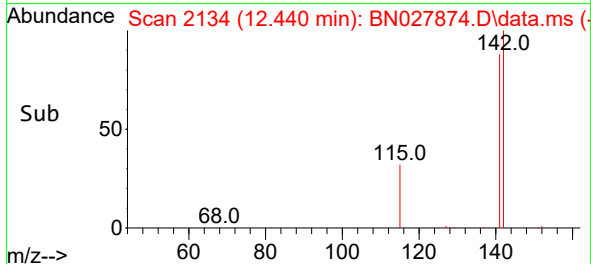
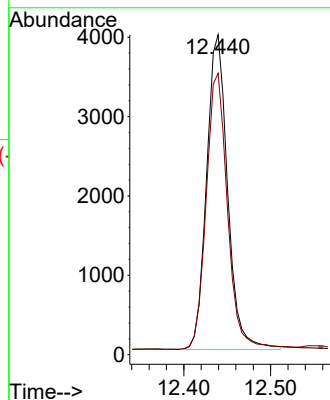
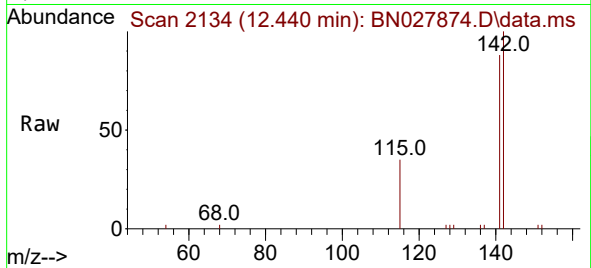




#7
2-Methylnaphthalene
Concen: 0.409 ng/ul
RT: 12.440 min Scan# 2134
Delta R.T. 0.011 min
Lab File: BN027874.D
Acq: 26 Sep 2023 22:45

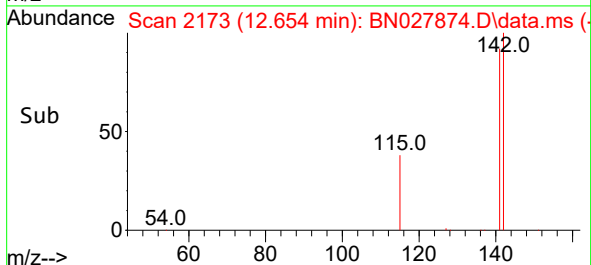
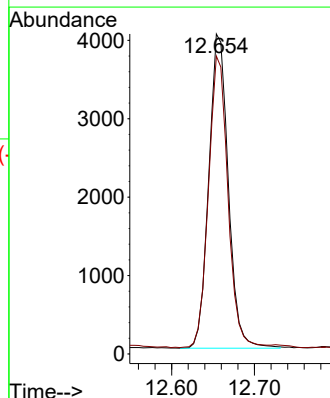
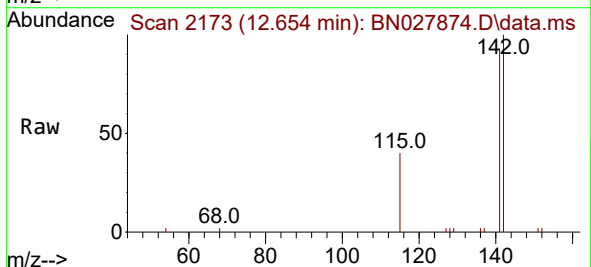
Instrument :
BNA_N
ClientSampleId :
SLCS620

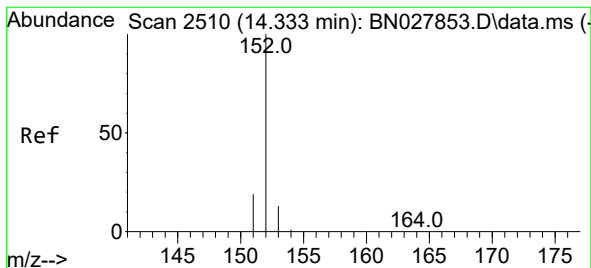
Tgt Ion:142 Resp: 6672
Ion Ratio Lower Upper
142 100
141 88.4 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.391 ng/ul
RT: 12.654 min Scan# 2173
Delta R.T. 0.006 min
Lab File: BN027874.D
Acq: 26 Sep 2023 22:45

Tgt Ion:142 Resp: 6577
Ion Ratio Lower Upper
142 100
141 92.7 72.8 109.2





#10

Acenaphthylene

Concen: 0.383 ng/ul

RT: 14.333 min Scan# 2510

Delta R.T. 0.013 min

Lab File: BN027874.D

Acq: 26 Sep 2023 22:45

Instrument :

BNA_N

ClientSampleId :

SLCS620

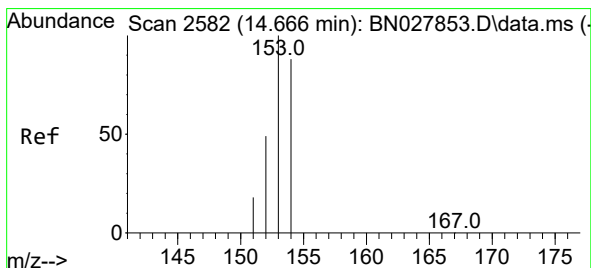
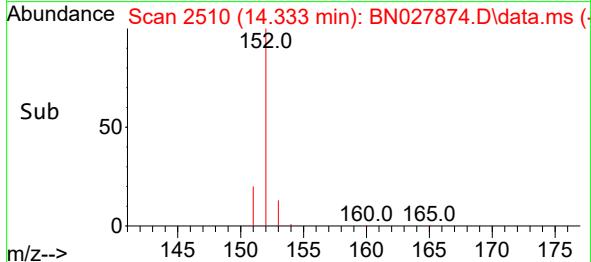
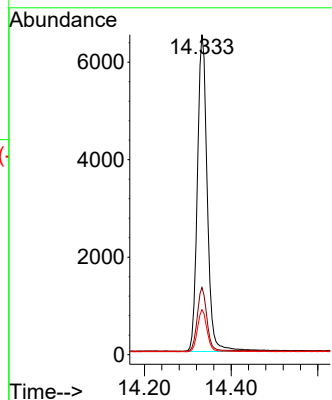
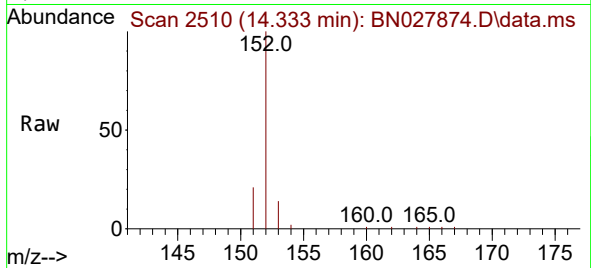
Tgt Ion:152 Resp: 10342

Ion Ratio Lower Upper

152 100

151 21.0 16.6 25.0

153 14.1 11.0 16.6



#11

Acenaphthene

Concen: 0.355 ng/ul

RT: 14.666 min Scan# 2582

Delta R.T. 0.013 min

Lab File: BN027874.D

Acq: 26 Sep 2023 22:45

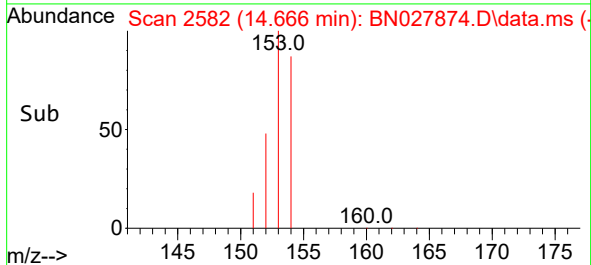
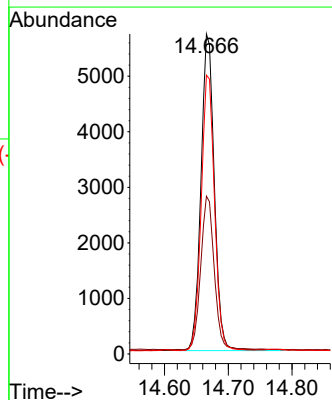
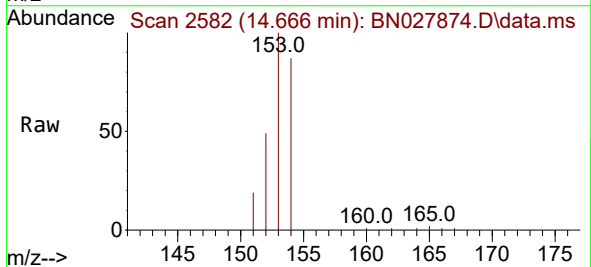
Tgt Ion:153 Resp: 8288

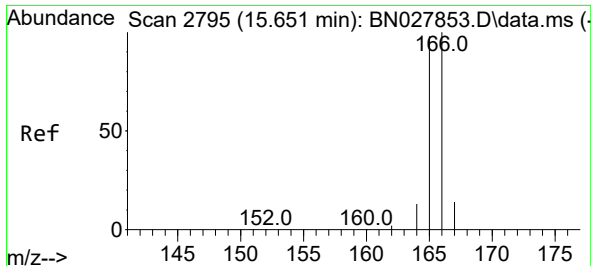
Ion Ratio Lower Upper

153 100

152 49.3 41.7 62.5

154 87.1 70.3 105.5

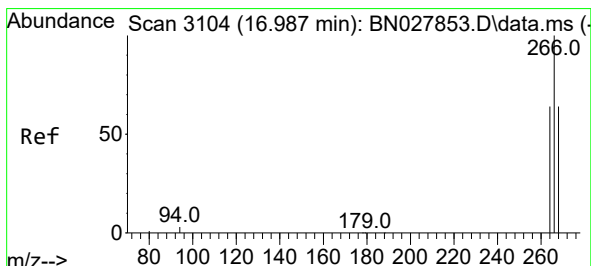
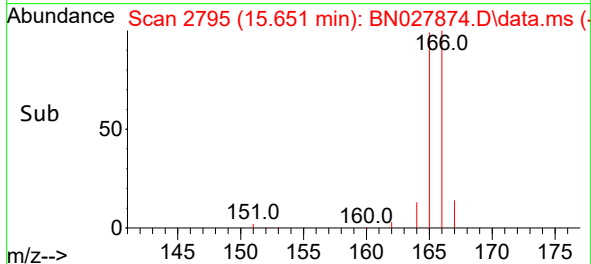
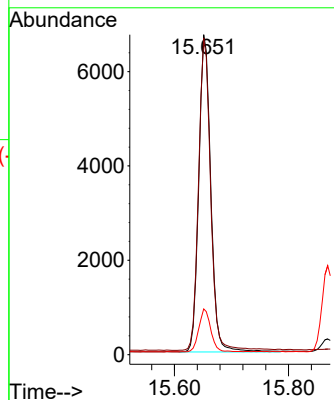
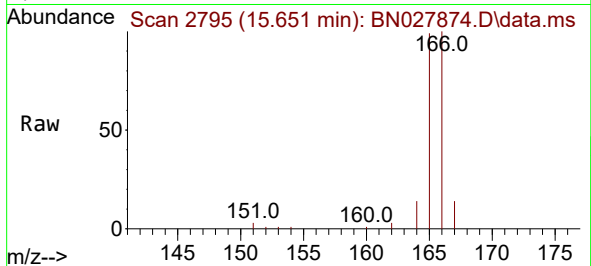




#12
Fluorene
Concen: 0.359 ng/ul
RT: 15.651 min Scan# 21
Delta R.T. 0.013 min
Lab File: BN027874.D
Acq: 26 Sep 2023 22:45

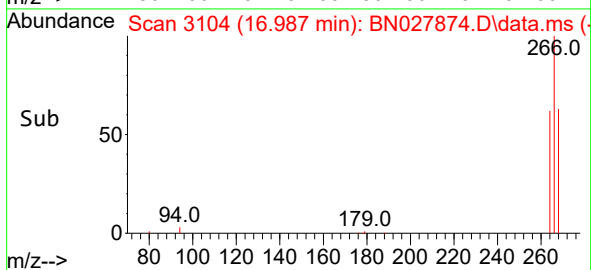
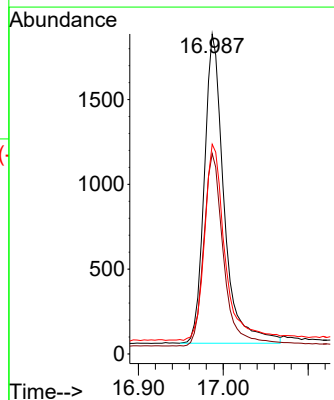
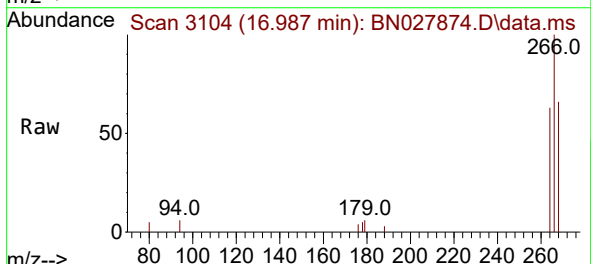
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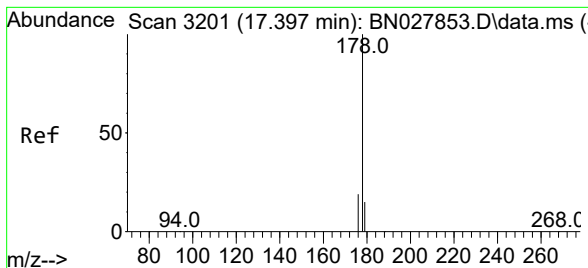
Tgt Ion:166 Resp: 9835
Ion Ratio Lower Upper
166 100
165 99.0 78.0 117.0
167 14.3 11.4 17.2



#14
Pentachlorophenol
Concen: 0.845 ng/ul
RT: 16.987 min Scan# 3104
Delta R.T. 0.016 min
Lab File: BN027874.D
Acq: 26 Sep 2023 22:45

Tgt Ion:266 Resp: 2942
Ion Ratio Lower Upper
266 100
264 62.8 49.6 74.4
268 65.3 50.7 76.1





#15

Phenanthrene

Concen: 0.361 ng/ul

RT: 17.401 min Scan# 3202

Delta R.T. 0.016 min

Lab File: BN027874.D

Acq: 26 Sep 2023 22:45

Instrument :

BNA_N

ClientSampleId :

SLCS620

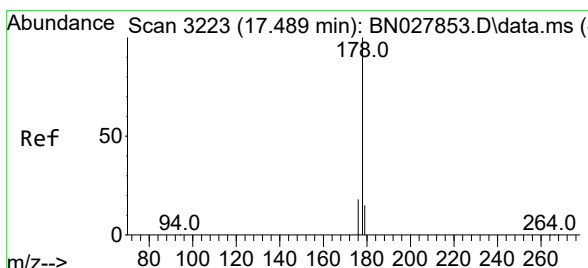
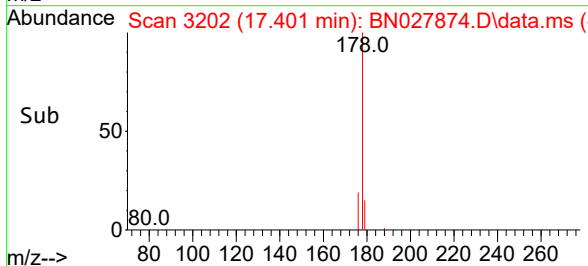
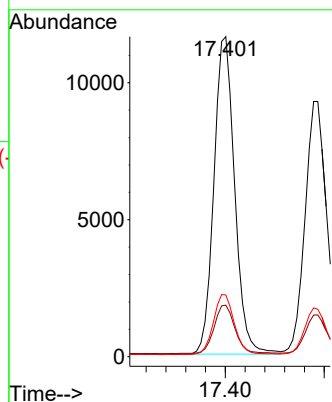
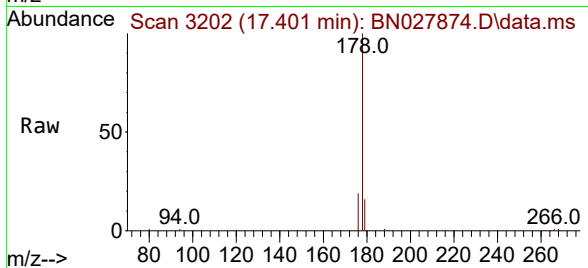
Tgt Ion:178 Resp: 16866

Ion Ratio Lower Upper

178 100

179 16.1 12.4 18.6

176 19.3 16.0 24.0



#16

Anthracene

Concen: 0.376 ng/ul

RT: 17.489 min Scan# 3223

Delta R.T. 0.012 min

Lab File: BN027874.D

Acq: 26 Sep 2023 22:45

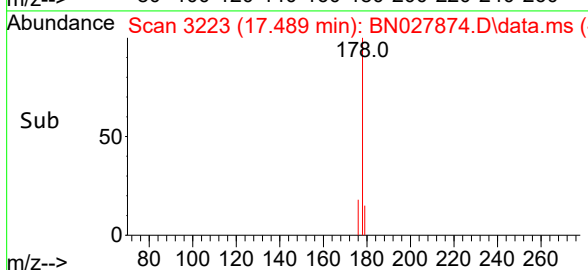
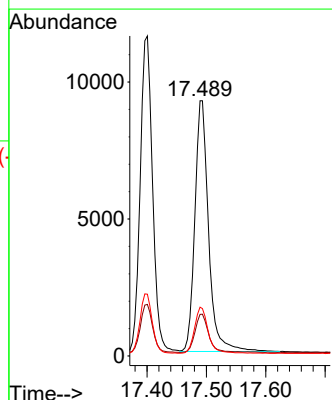
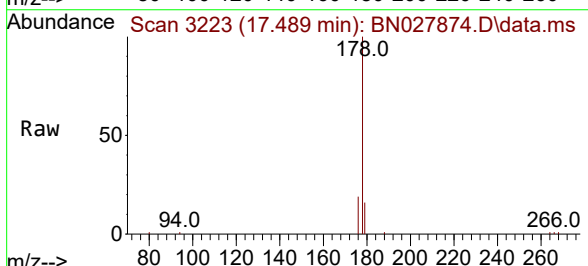
Tgt Ion:178 Resp: 14711

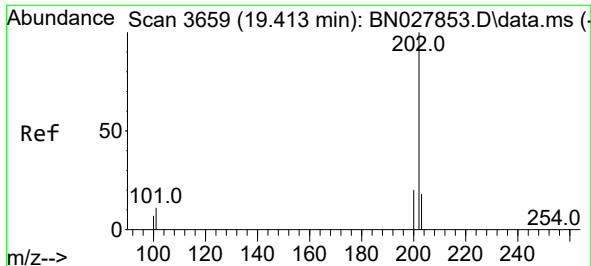
Ion Ratio Lower Upper

178 100

179 16.3 12.6 19.0

176 19.1 15.5 23.3

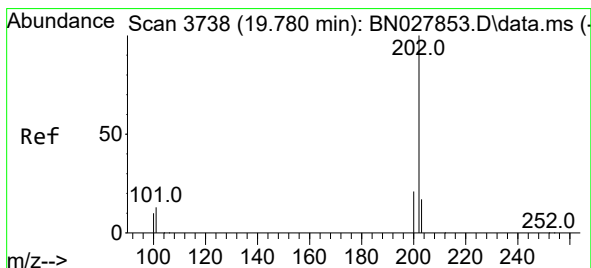
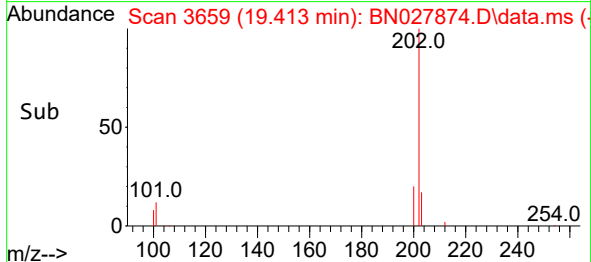
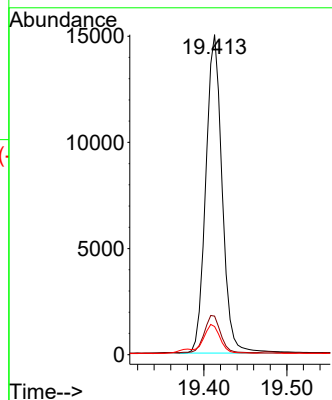
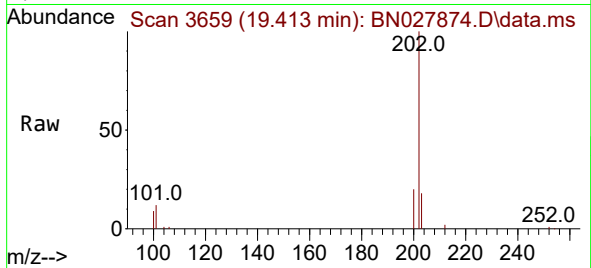




#19
Fluoranthene
Concen: 0.334 ng/ul
RT: 19.413 min Scan# 3659
Delta R.T. 0.017 min
Lab File: BN027874.D
Acq: 26 Sep 2023 22:45

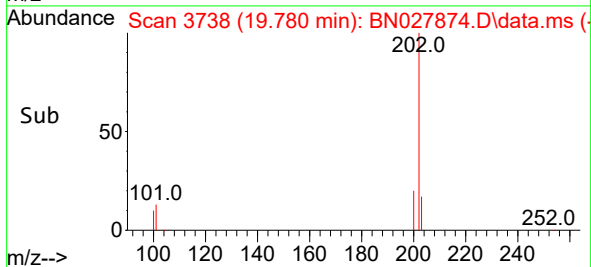
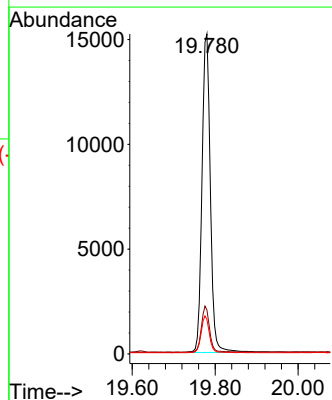
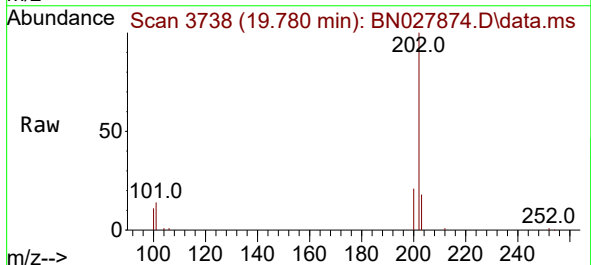
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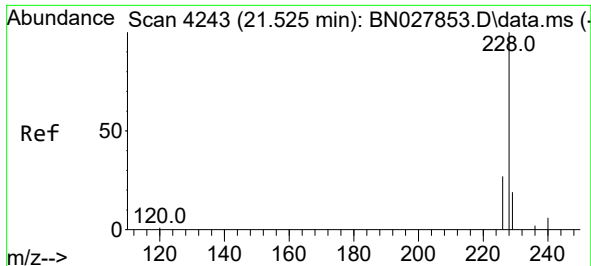
Tgt Ion:202 Resp: 20536
Ion Ratio Lower Upper
202 100
101 12.1 9.3 13.9
100 8.8 7.0 10.4



#20
Pyrene
Concen: 0.337 ng/ul
RT: 19.780 min Scan# 3738
Delta R.T. 0.017 min
Lab File: BN027874.D
Acq: 26 Sep 2023 22:45

Tgt Ion:202 Resp: 21390
Ion Ratio Lower Upper
202 100
101 13.7 11.4 17.0
100 10.8 9.1 13.7

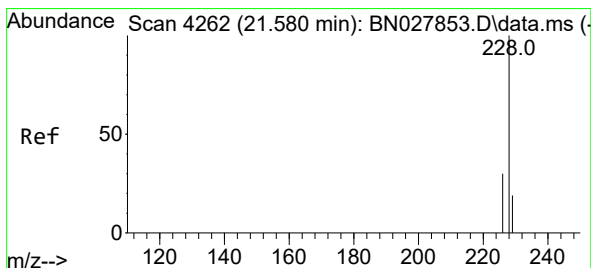
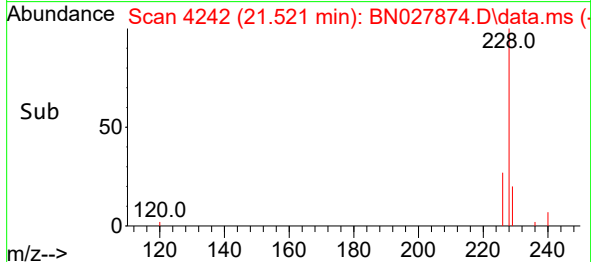
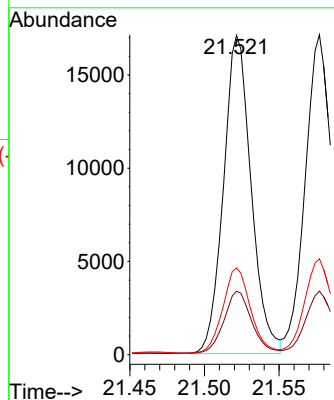
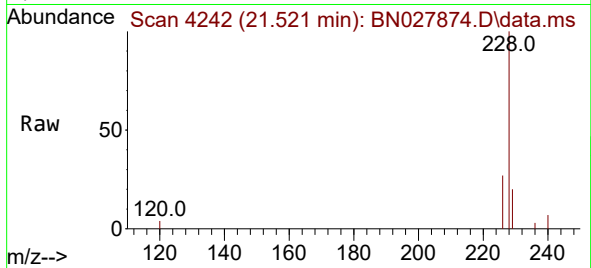




#21
Benzo(a)anthracene
Concen: 0.372 ng/ul
RT: 21.521 min Scan# 41
Delta R.T. 0.018 min
Lab File: BN027874.D
Acq: 26 Sep 2023 22:45

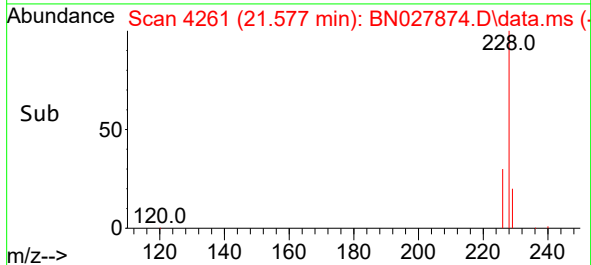
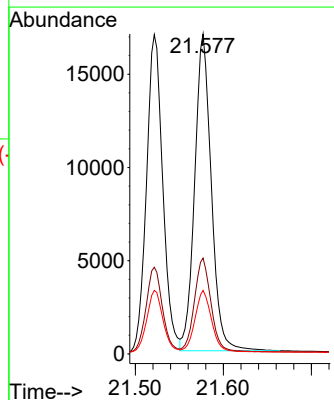
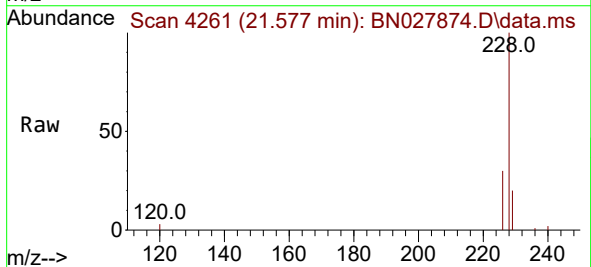
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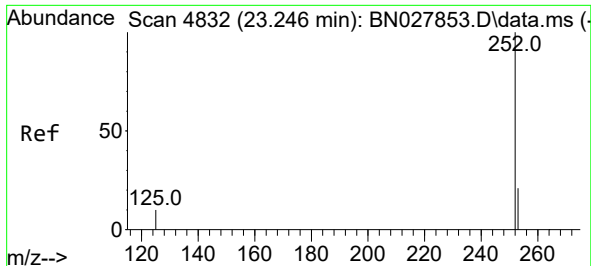
Tgt Ion:228 Resp: 21931
Ion Ratio Lower Upper
228 100
229 19.9 15.8 23.8
226 27.1 22.0 33.0



#22
Chrysene
Concen: 0.367 ng/ul
RT: 21.577 min Scan# 4261
Delta R.T. 0.018 min
Lab File: BN027874.D
Acq: 26 Sep 2023 22:45

Tgt Ion:228 Resp: 22334
Ion Ratio Lower Upper
228 100
226 29.9 24.5 36.7
229 19.8 16.0 24.0

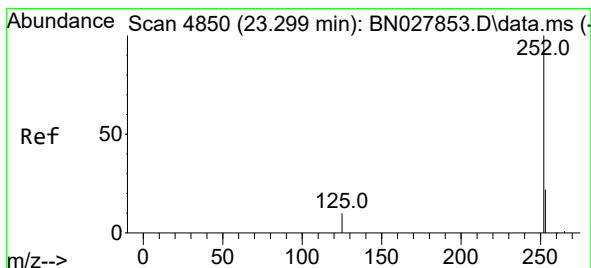
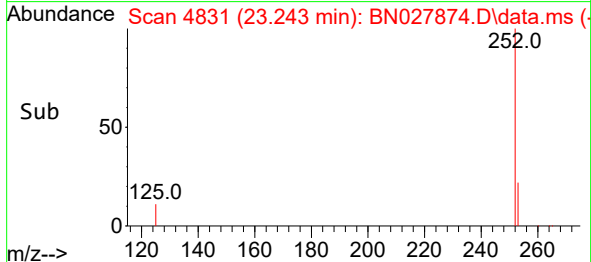
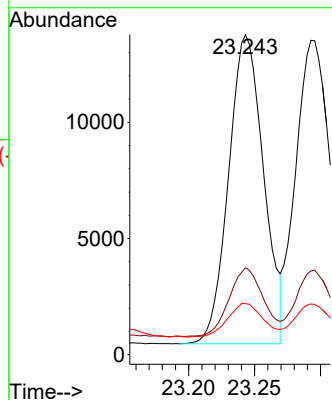
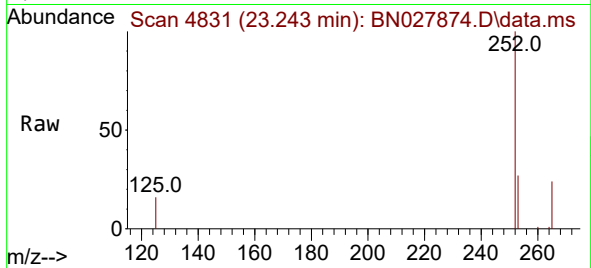




#24
Benzo(b)fluoranthene
Concen: 0.329 ng/ul
RT: 23.243 min Scan# 4831
Delta R.T. 0.003 min
Lab File: BN027874.D
Acq: 26 Sep 2023 22:45

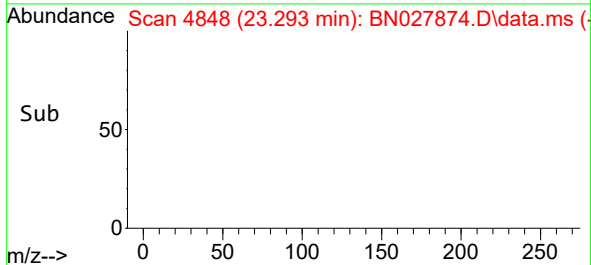
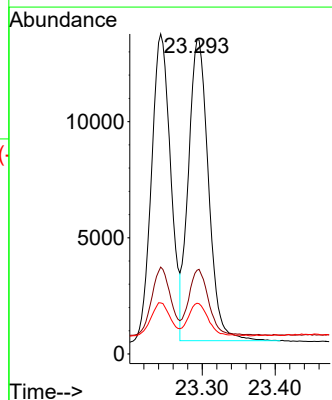
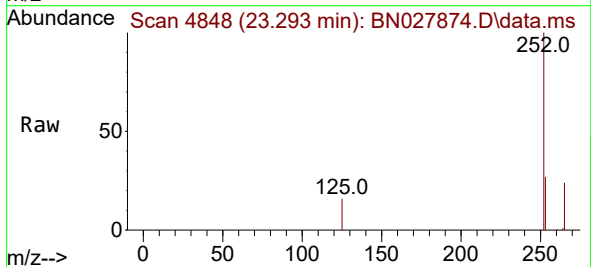
Instrument :
BNA_N
ClientSampleId :
SLCS620

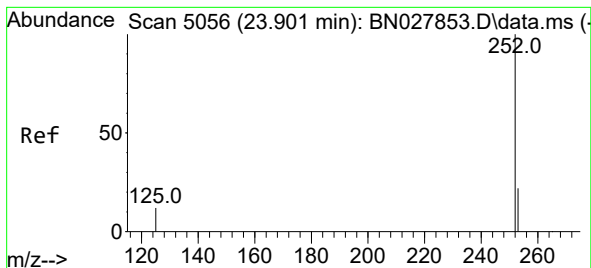
Tgt Ion:252 Resp: 24513
Ion Ratio Lower Upper
252 100
253 27.1 0.0 50.2
125 16.0 0.0 31.4



#25
Benzo(k)fluoranthene
Concen: 0.343 ng/ul
RT: 23.293 min Scan# 4848
Delta R.T. 0.000 min
Lab File: BN027874.D
Acq: 26 Sep 2023 22:45

Tgt Ion:252 Resp: 24763
Ion Ratio Lower Upper
252 100
253 26.6 19.9 29.9
125 16.1 12.6 19.0





#26

Benzo(a)pyrene

Concen: 0.389 ng/ul

RT: 23.898 min Scan# 5056

Delta R.T. -0.003 min

Lab File: BN027874.D

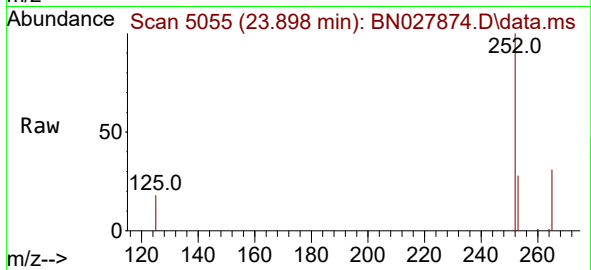
Acq: 26 Sep 2023 22:45

Instrument :

BNA_N

ClientSampleId :

SLCS620



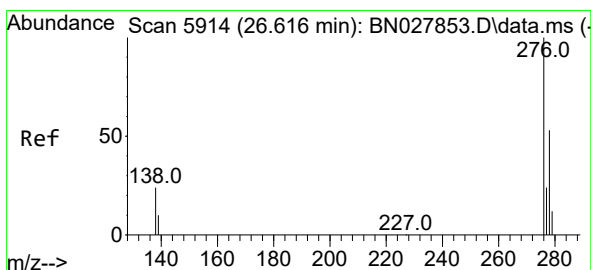
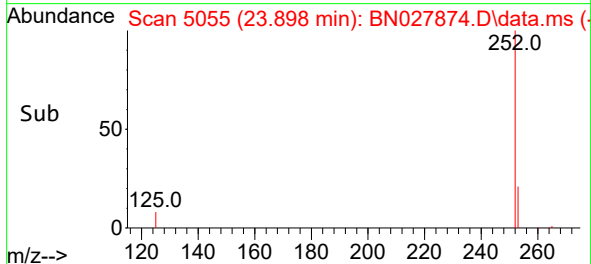
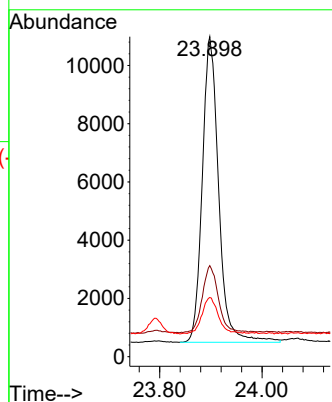
Tgt Ion:252 Resp: 23325

Ion Ratio Lower Upper

252 100

253 28.4 21.9 32.9

125 18.5 15.5 23.3



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.382 ng/ul

RT: 26.609 min Scan# 5912

Delta R.T. -0.024 min

Lab File: BN027874.D

Acq: 26 Sep 2023 22:45

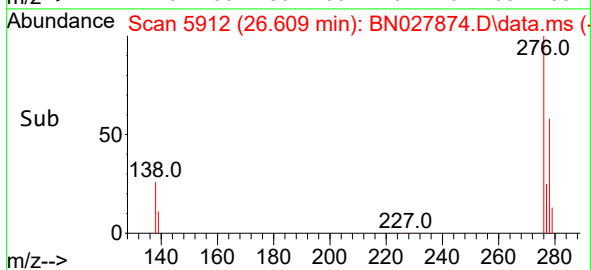
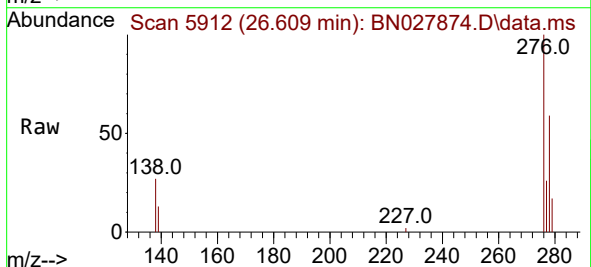
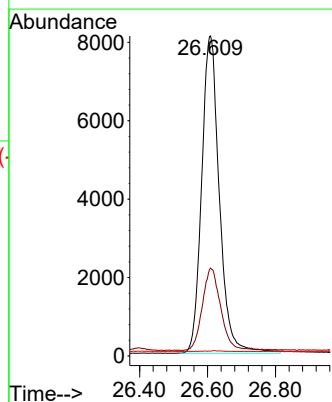
Tgt Ion:276 Resp: 29293

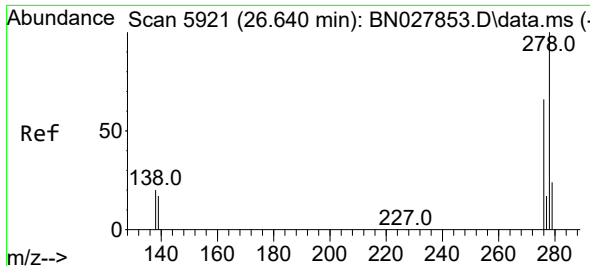
Ion Ratio Lower Upper

276 100

138 26.9 24.3 36.5

227 0.1 0.0 0.0#

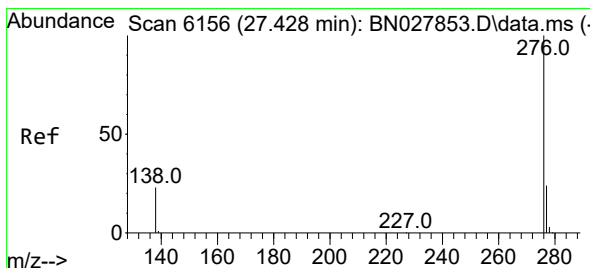
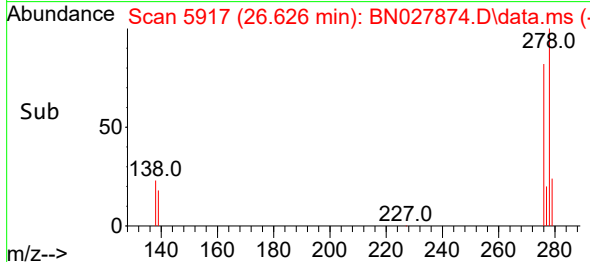
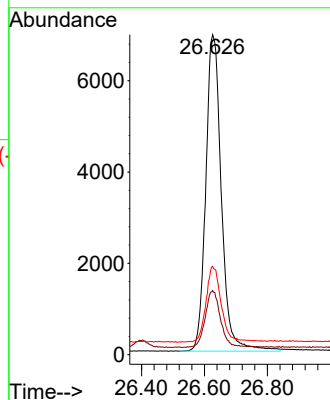
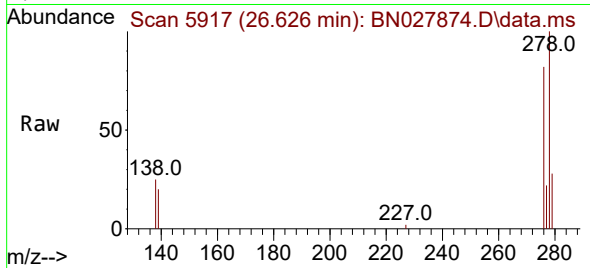




#28
Dibenzo(a,h)anthracene
Concen: 0.387 ng/ul
RT: 26.626 min Scan# 5917
Delta R.T. -0.030 min
Lab File: BN027874.D
Acq: 26 Sep 2023 22:45

Instrument :
BNA_N
ClientSampleId :
SLCS620

Tgt Ion:278 Resp: 23914
Ion Ratio Lower Upper
278 100
139 20.1 17.2 25.8
279 27.6 21.4 32.0



#29
Benzo(g,h,i)perylene
Concen: 0.377 ng/ul
RT: 27.417 min Scan# 6153
Delta R.T. -0.037 min
Lab File: BN027874.D
Acq: 26 Sep 2023 22:45

Tgt Ion:276 Resp: 24584
Ion Ratio Lower Upper
276 100
138 25.0 21.7 32.5
277 24.8 20.2 30.2

