

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092623\
 Data File : BN027859.D
 Acq On : 26 Sep 2023 13:05
 Operator : MA/JU
 Sample : 04472-11
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZYL0

Quant Time: Sep 27 03:00:06 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)

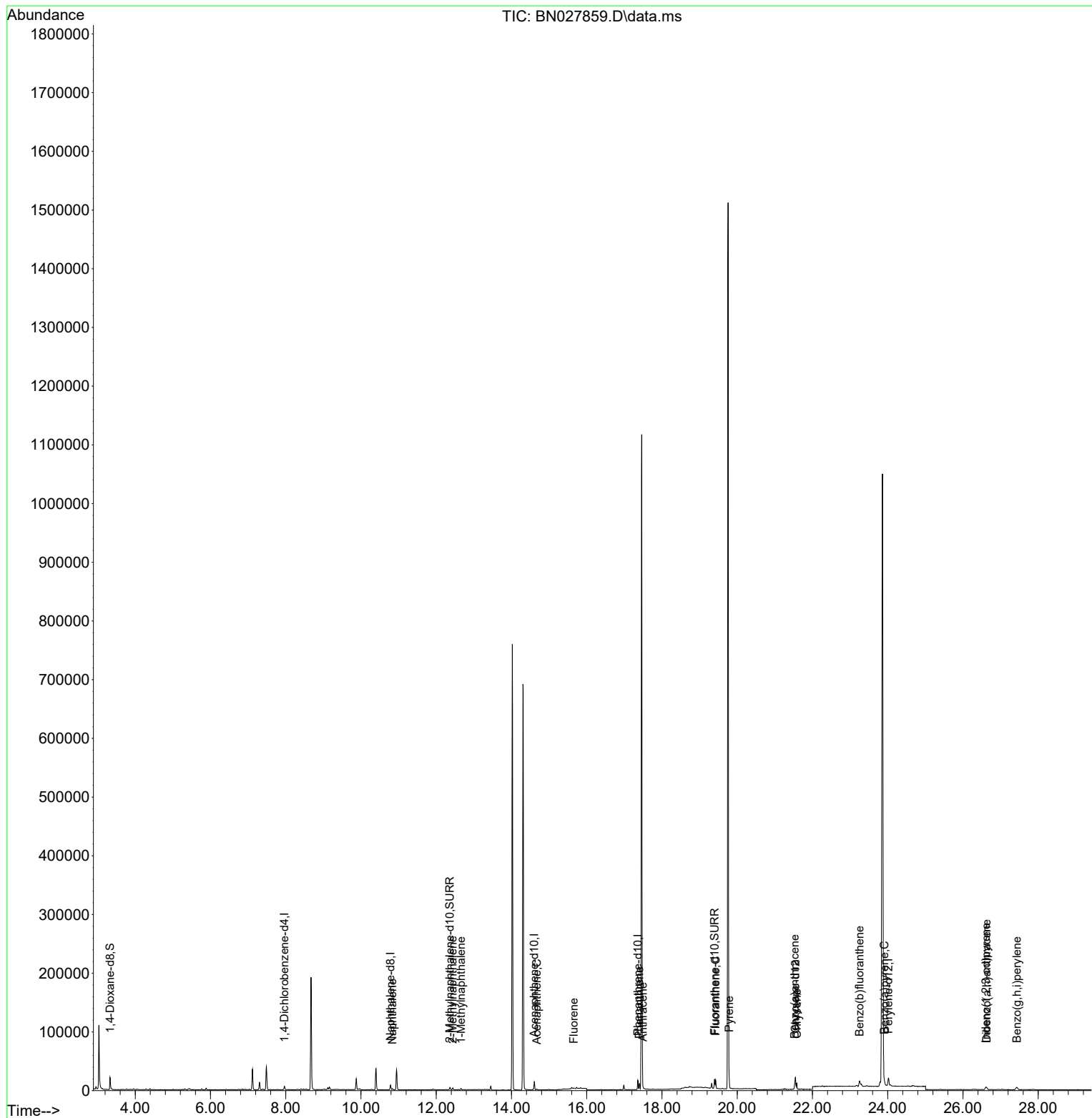
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.967	152	2879	0.400	ng/ul	0.00
4) Naphthalene-d8	10.784	136	10845	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.606	164	7659	0.400	ng/ul	0.01
13) Phenanthrene-d10	17.358	188	17783	0.400	ng/ul	# 0.02
17) Chrysene-d12	21.545	240	16638	0.400	ng/ul	0.02
23) Perylene-d12	24.021	264	20153	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.330	96	14303	3.944	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.363	152	5383	0.328	ng/ul	0.00
18) Fluoranthene-d10	19.399	212	16197	0.319	ng/ul	0.04
Target Compounds						
					Qvalue	
5) Naphthalene	10.834	128	2926	0.094	ng/ul#	90
7) 2-Methylnaphthalene	12.440	142	2347	0.119	ng/ul	99
8) 1-Methylnaphthalene	12.660	142	1516	0.075	ng/ul	100
11) Acenaphthene	14.671	153	1014	0.035	ng/ul	93
12) Fluorene	15.656	166	848	0.025	ng/ul#	78
15) Phenanthrene	17.400	178	11229	0.201	ng/ul	97
16) Anthracene	17.493	178	1078	0.023	ng/ul#	66
19) Fluoranthene	19.427	202	12156	0.181	ng/ul#	87
20) Pyrene	19.785	202	13670	0.197	ng/ul	94
21) Benzo(a)anthracene	21.527	228	6582	0.102	ng/ul#	89
22) Chrysene	21.583	228	12508	0.188	ng/ul#	91
24) Benzo(b)fluoranthene	23.252	252	21090	0.235	ng/ul	71
26) Benzo(a)pyrene	23.907	252	8750	0.121	ng/ul#	64
27) Indeno(1,2,3-cd)pyrene	26.612	276	7875	0.085	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.626	278	2391	0.032	ng/ul#	1
29) Benzo(g,h,i)perylene	27.431	276	9531	0.121	ng/ul	91

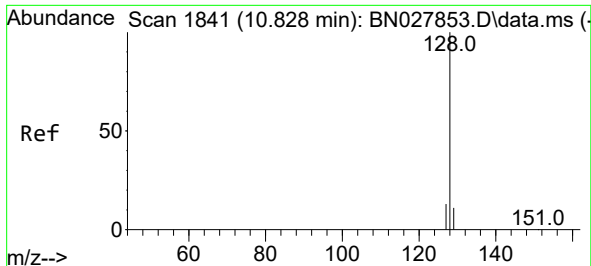
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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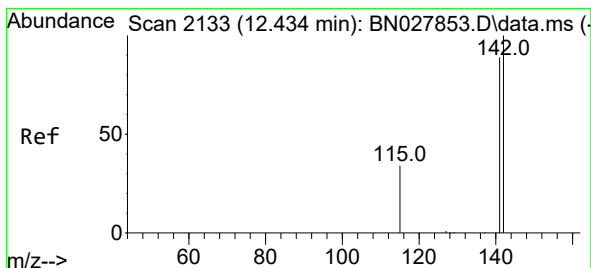
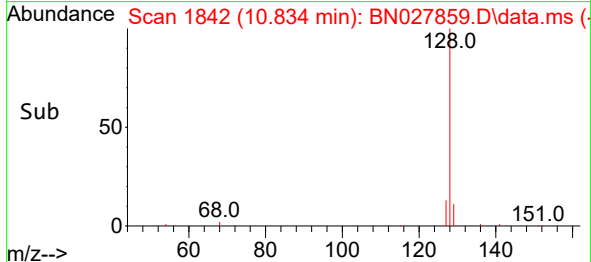
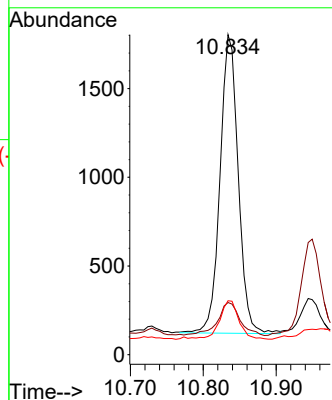
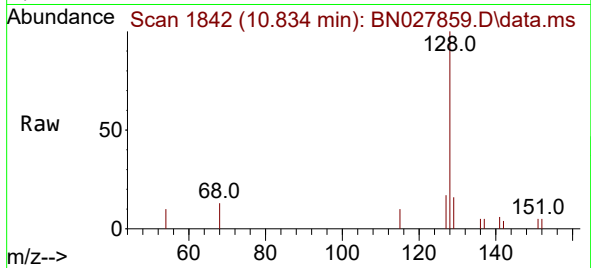




#5
Naphthalene
Concen: 0.094 ng/ul
RT: 10.834 min Scan# 1842
Delta R.T. 0.006 min
Lab File: BN027859.D
Acq: 26 Sep 2023 13:05

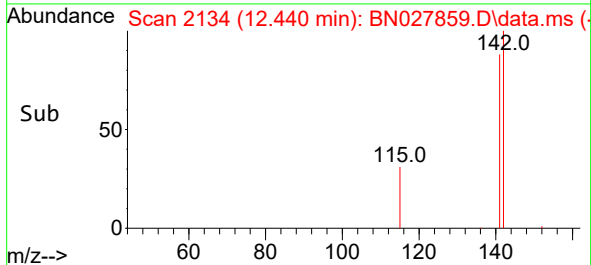
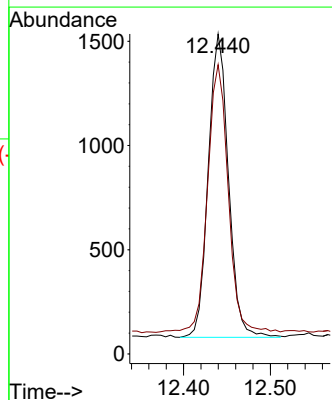
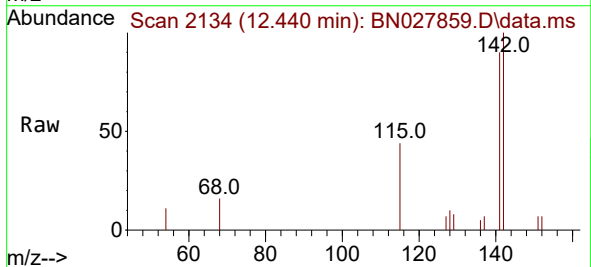
Instrument :
BNA_N
ClientSampleId :
EZYLO

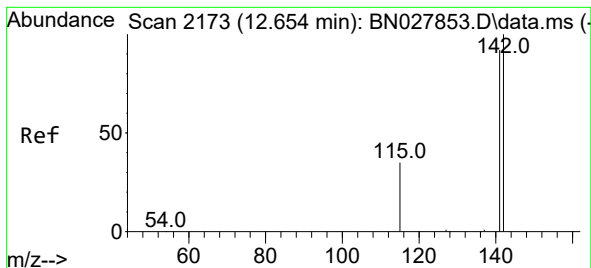
Tgt Ion:128 Resp: 2926
Ion Ratio Lower Upper
128 100
129 16.3 9.3 13.9#
127 16.9 10.7 16.1#



#7
2-Methylnaphthalene
Concen: 0.119 ng/ul
RT: 12.440 min Scan# 2134
Delta R.T. 0.012 min
Lab File: BN027859.D
Acq: 26 Sep 2023 13:05

Tgt Ion:142 Resp: 2347
Ion Ratio Lower Upper
142 100
141 89.8 71.1 106.7





#8

1-Methylnaphthalene

Concen: 0.075 ng/ul

RT: 12.660 min Scan# 2174

Delta R.T. 0.012 min

Lab File: BN027859.D

Acq: 26 Sep 2023 13:05

Instrument :

BNA_N

ClientSampleId :

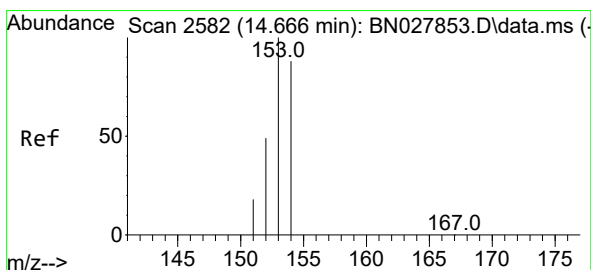
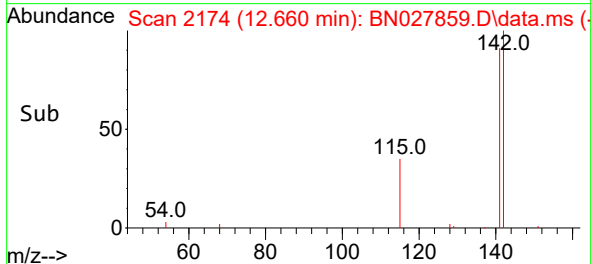
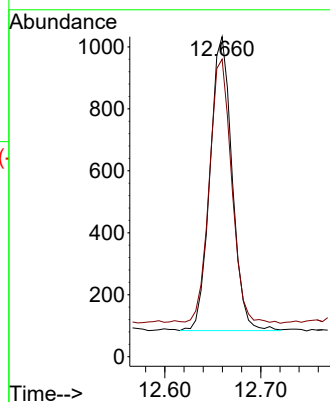
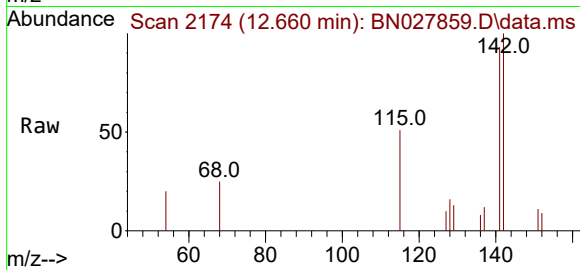
EZYLO

Tgt Ion:142 Resp: 1516

Ion Ratio Lower Upper

142 100

141 90.6 72.8 109.2



#11

Acenaphthene

Concen: 0.035 ng/ul

RT: 14.671 min Scan# 2583

Delta R.T. 0.018 min

Lab File: BN027859.D

Acq: 26 Sep 2023 13:05

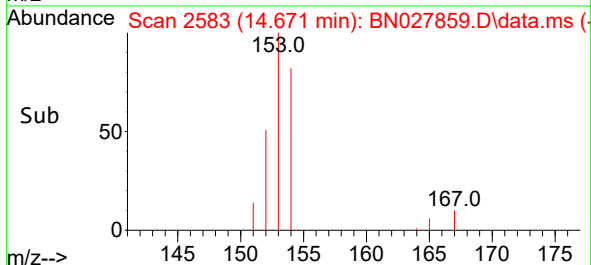
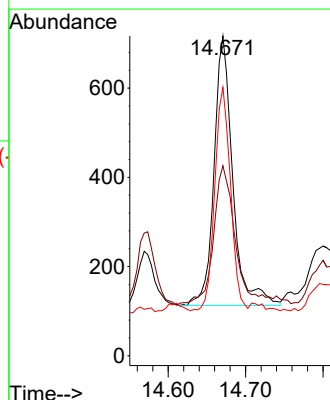
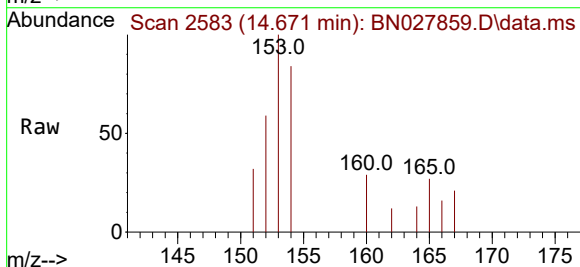
Tgt Ion:153 Resp: 1014

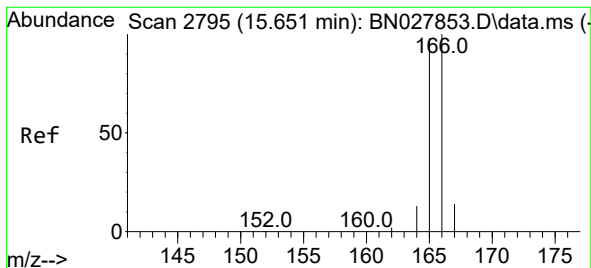
Ion Ratio Lower Upper

153 100

152 59.4 41.7 62.5

154 84.0 70.3 105.5





#12

Fluorene

Concen: 0.025 ng/ul

RT: 15.656 min Scan# 21

Delta R.T. 0.018 min

Lab File: BN027859.D

Acq: 26 Sep 2023 13:05

Instrument :

BNA_N

ClientSampleId :

EZYLO

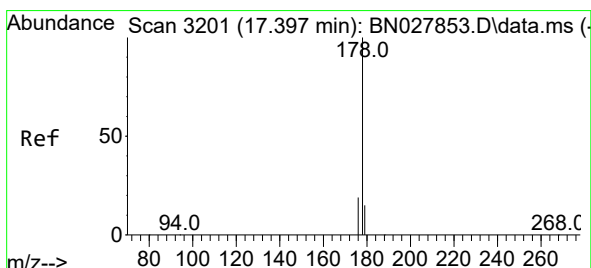
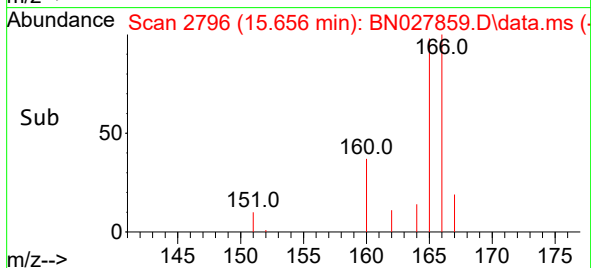
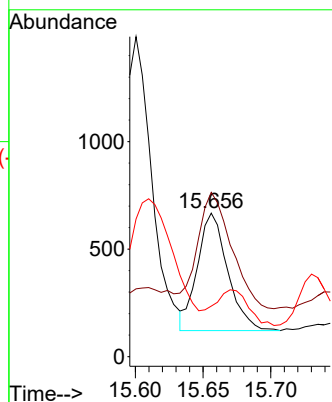
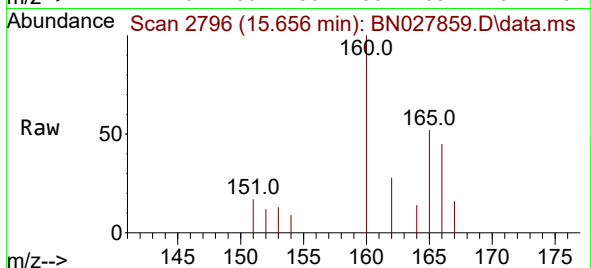
Tgt Ion:166 Resp: 848

Ion Ratio Lower Upper

166 100

165 114.5 78.0 117.0

167 35.2 11.4 17.2#



#15

Phenanthrene

Concen: 0.201 ng/ul

RT: 17.400 min Scan# 3202

Delta R.T. 0.016 min

Lab File: BN027859.D

Acq: 26 Sep 2023 13:05

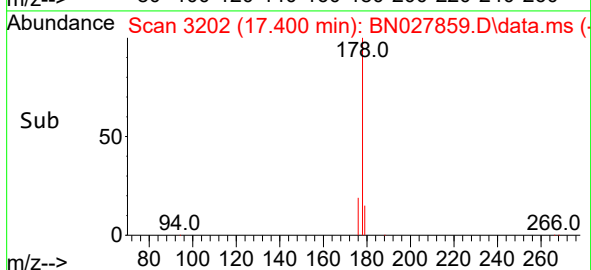
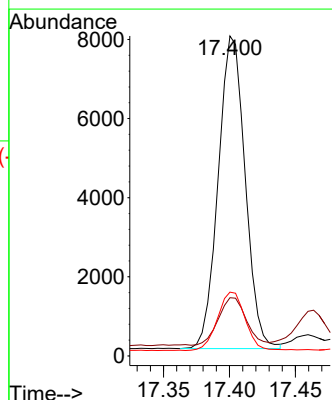
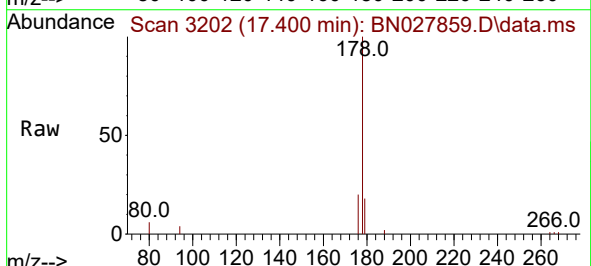
Tgt Ion:178 Resp: 11229

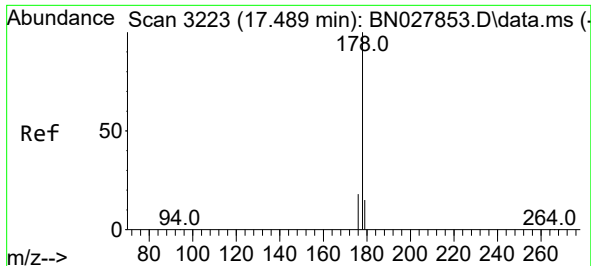
Ion Ratio Lower Upper

178 100

179 18.2 12.4 18.6

176 20.0 16.0 24.0

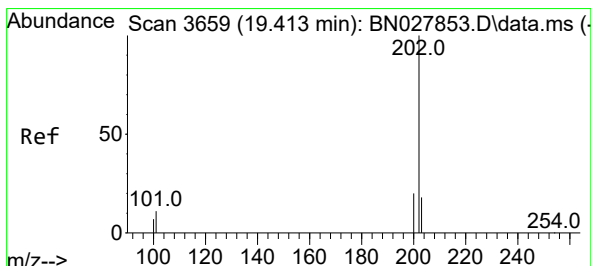
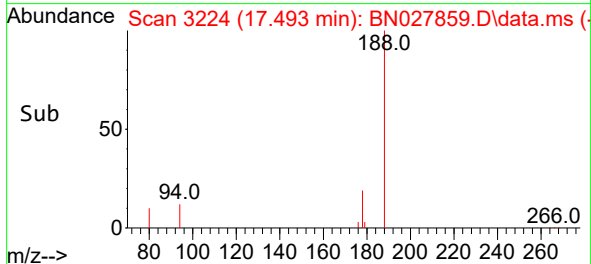
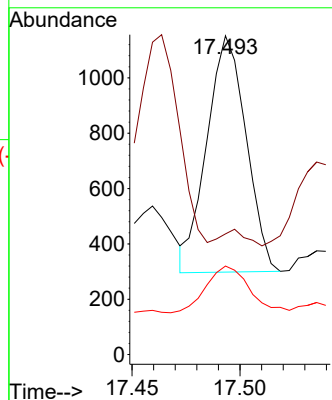
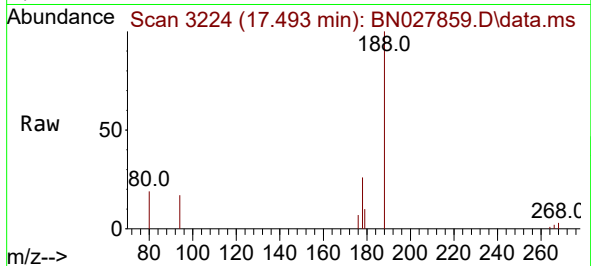




#16
 Anthracene
 Concen: 0.023 ng/ul
 RT: 17.493 min Scan# 31
 Delta R.T. 0.016 min
 Lab File: BN027859.D
 Acq: 26 Sep 2023 13:05

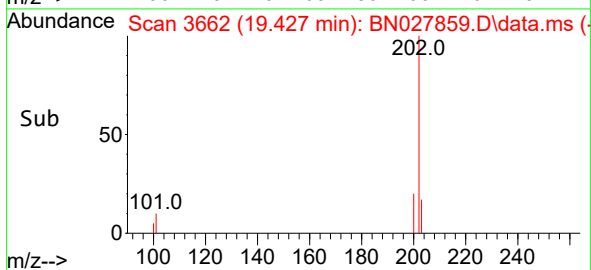
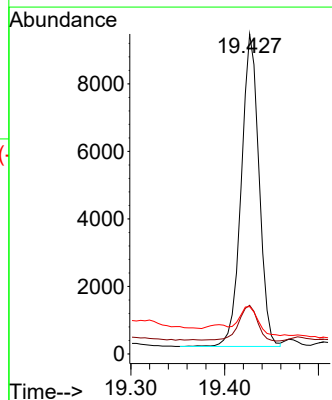
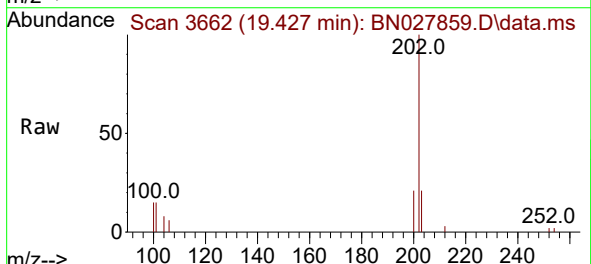
Instrument :
 BNA_N
 ClientSampleId :
 EYZLO

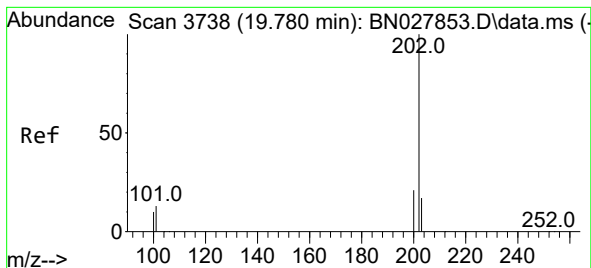
Tgt Ion:178 Resp: 1078
 Ion Ratio Lower Upper
 178 100
 179 37.8 12.6 19.0#
 176 27.8 15.5 23.3#



#19
 Fluoranthene
 Concen: 0.181 ng/ul
 RT: 19.427 min Scan# 3662
 Delta R.T. 0.031 min
 Lab File: BN027859.D
 Acq: 26 Sep 2023 13:05

Tgt Ion:202 Resp: 12156
 Ion Ratio Lower Upper
 202 100
 101 15.2 9.3 13.9#
 100 14.8 7.0 10.4#





#20

Pyrene

Concen: 0.197 ng/ul

RT: 19.785 min Scan# 31

Delta R.T. 0.022 min

Lab File: BN027859.D

Acq: 26 Sep 2023 13:05

Instrument :

BNA_N

ClientSampleId :

EZYLO

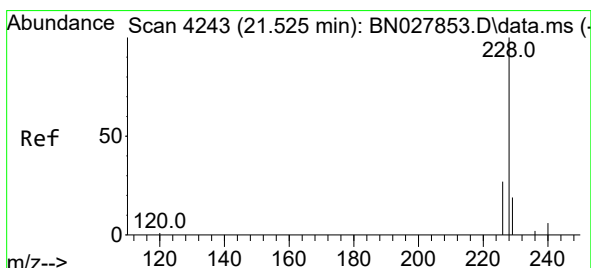
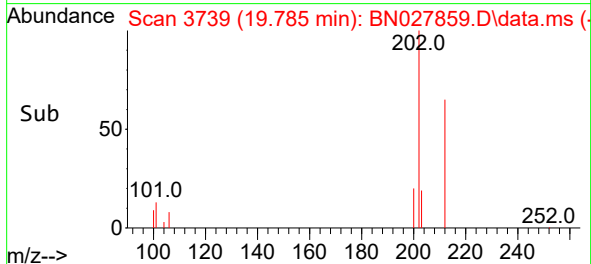
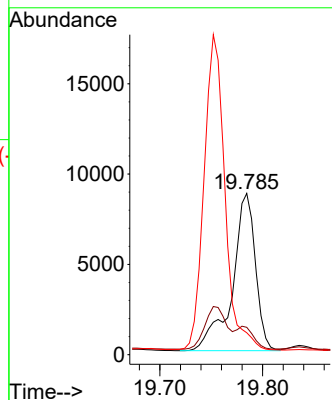
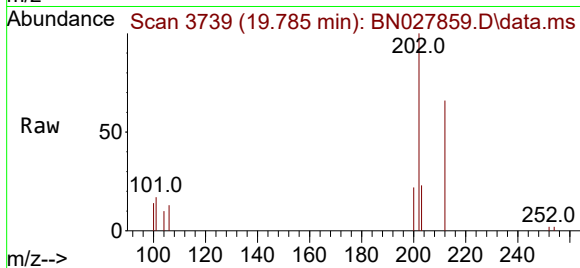
Tgt Ion:202 Resp: 13670

Ion Ratio Lower Upper

202 100

101 17.0 11.4 17.0

100 13.6 9.1 13.7



#21

Benzo(a)anthracene

Concen: 0.102 ng/ul

RT: 21.527 min Scan# 4244

Delta R.T. 0.024 min

Lab File: BN027859.D

Acq: 26 Sep 2023 13:05

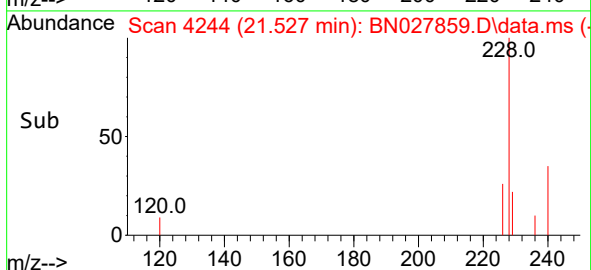
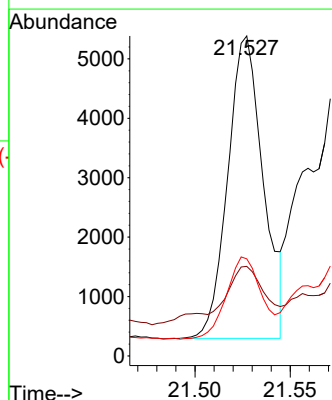
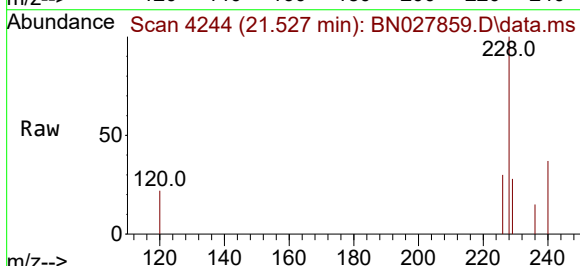
Tgt Ion:228 Resp: 6582

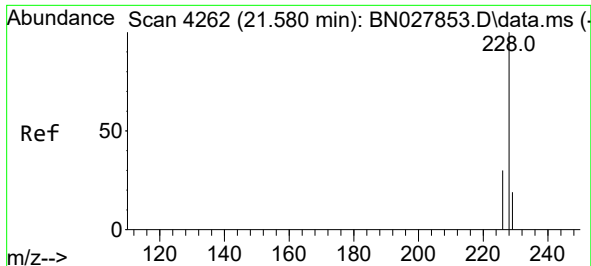
Ion Ratio Lower Upper

228 100

229 28.0 15.8 23.8#

226 30.4 22.0 33.0





#22

Chrysene

Concen: 0.188 ng/ul

RT: 21.583 min Scan# 41

Delta R.T. 0.024 min

Lab File: BN027859.D

Acq: 26 Sep 2023 13:05

Instrument :

BNA_N

ClientSampleId :

EZYLO

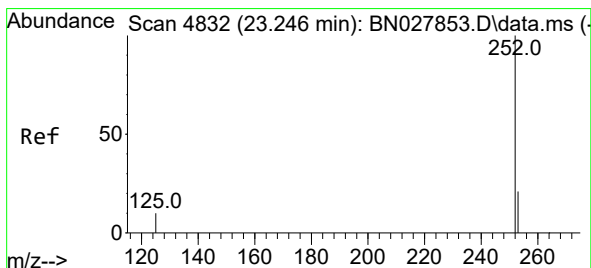
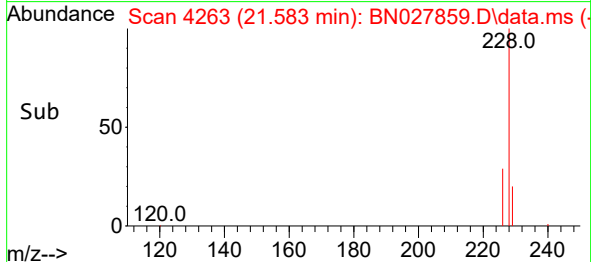
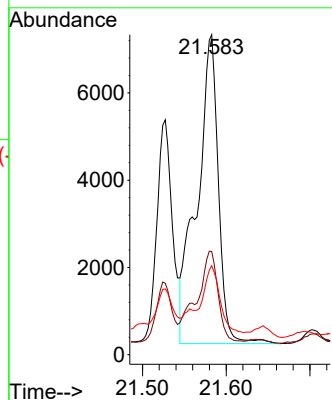
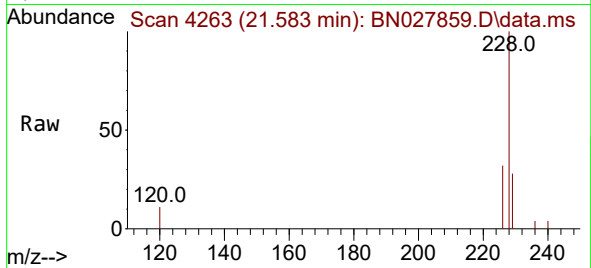
Tgt Ion:228 Resp: 12508

Ion Ratio Lower Upper

228 100

226 32.3 24.5 36.7

229 27.8 16.0 24.0#



#24

Benzo(b)fluoranthene

Concen: 0.235 ng/ul

RT: 23.252 min Scan# 4834

Delta R.T. 0.012 min

Lab File: BN027859.D

Acq: 26 Sep 2023 13:05

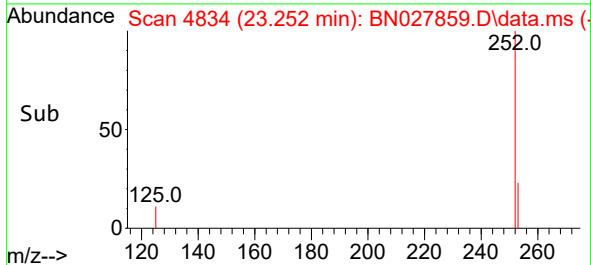
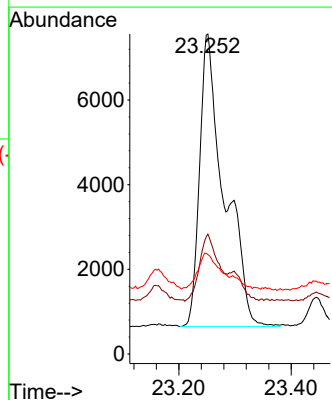
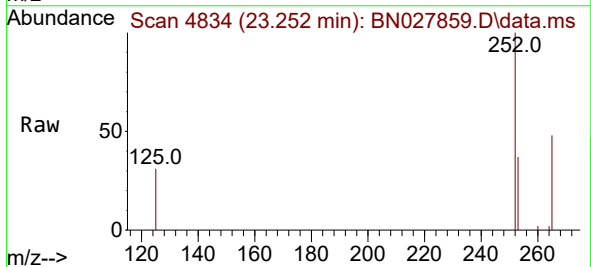
Tgt Ion:252 Resp: 21090

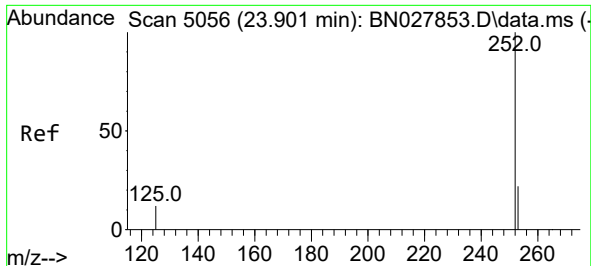
Ion Ratio Lower Upper

252 100

253 37.4 0.0 50.2

125 31.1 0.0 31.4

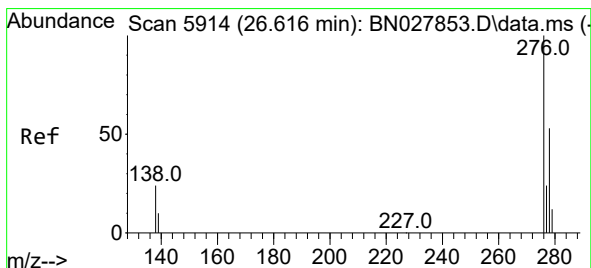
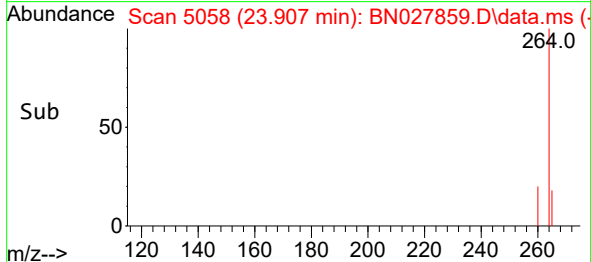
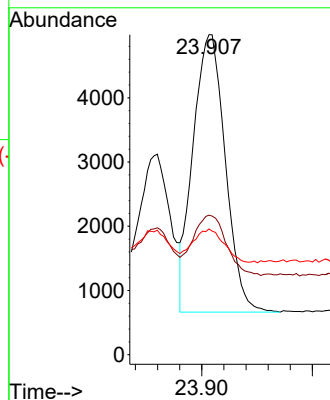
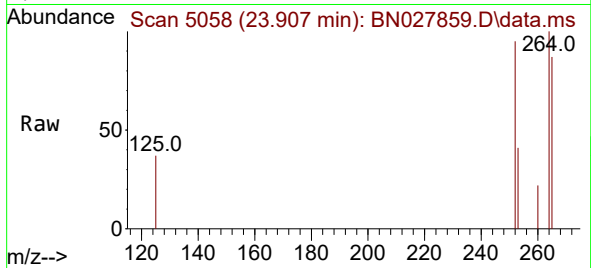




#26
Benzo(a)pyrene
Concen: 0.121 ng/ul
RT: 23.907 min Scan# 5056
Delta R.T. 0.006 min
Lab File: BN027859.D
Acq: 26 Sep 2023 13:05

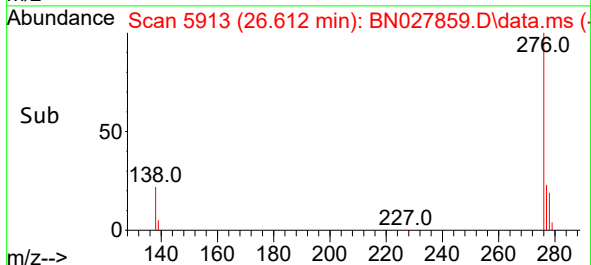
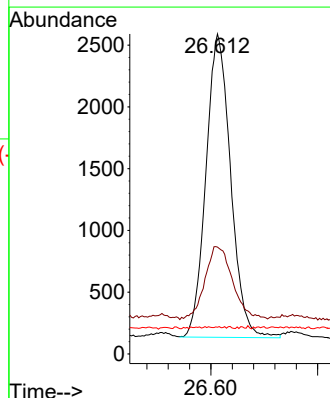
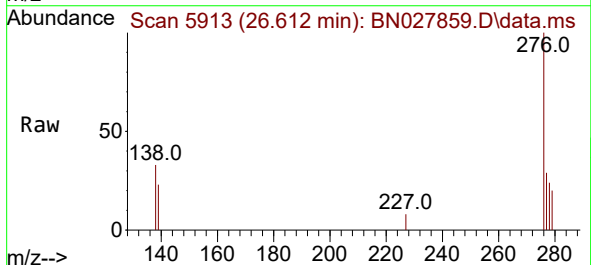
Instrument :
BNA_N
ClientSampleId :
EZYLO

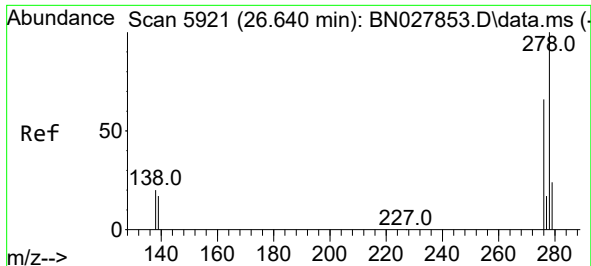
Tgt Ion:252 Resp: 8750
Ion Ratio Lower Upper
252 100
253 43.6 21.9 32.9#
125 39.3 15.5 23.3#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.085 ng/ul
RT: 26.612 min Scan# 5913
Delta R.T. -0.021 min
Lab File: BN027859.D
Acq: 26 Sep 2023 13:05

Tgt Ion:276 Resp: 7875
Ion Ratio Lower Upper
276 100
138 27.4 24.3 36.5
227 0.1 0.0 0.0#

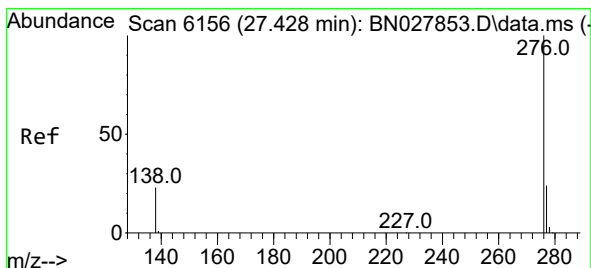
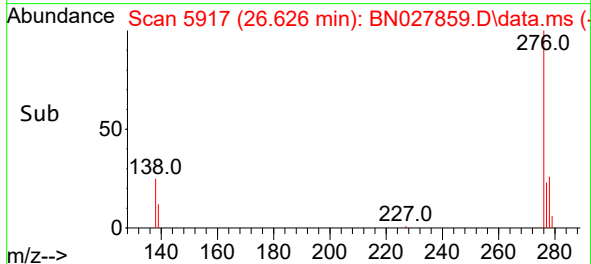
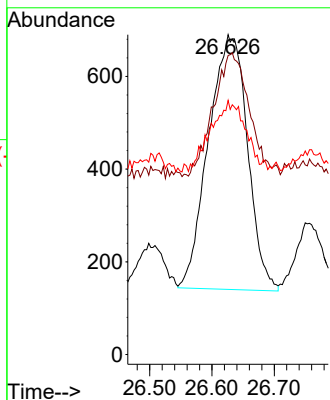
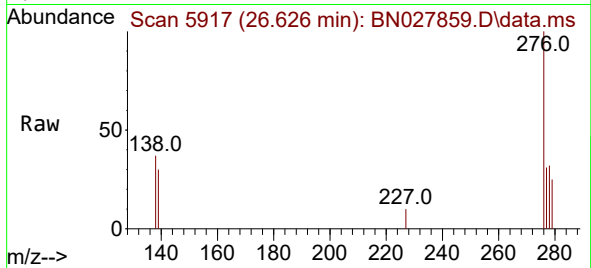




#28
Dibenzo(a,h)anthracene
Concen: 0.032 ng/ul
RT: 26.626 min Scan# 5917
Delta R.T. -0.031 min
Lab File: BN027859.D
Acq: 26 Sep 2023 13:05

Instrument :
BNA_N
ClientSampleId :
EZYLO

Tgt Ion:278 Resp: 2391
Ion Ratio Lower Upper
278 100
139 93.5 17.2 25.8#
279 79.4 21.4 32.0#



#29
Benzo(g,h,i)perylene
Concen: 0.121 ng/ul
RT: 27.431 min Scan# 6157
Delta R.T. -0.024 min
Lab File: BN027859.D
Acq: 26 Sep 2023 13:05

Tgt Ion:276 Resp: 9531
Ion Ratio Lower Upper
276 100
138 31.7 21.7 32.5
277 29.3 20.2 30.2

