

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092623\
 Data File : BN027862.D
 Acq On : 26 Sep 2023 15:30
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4273

Quant Time: Sep 27 03:00:37 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)

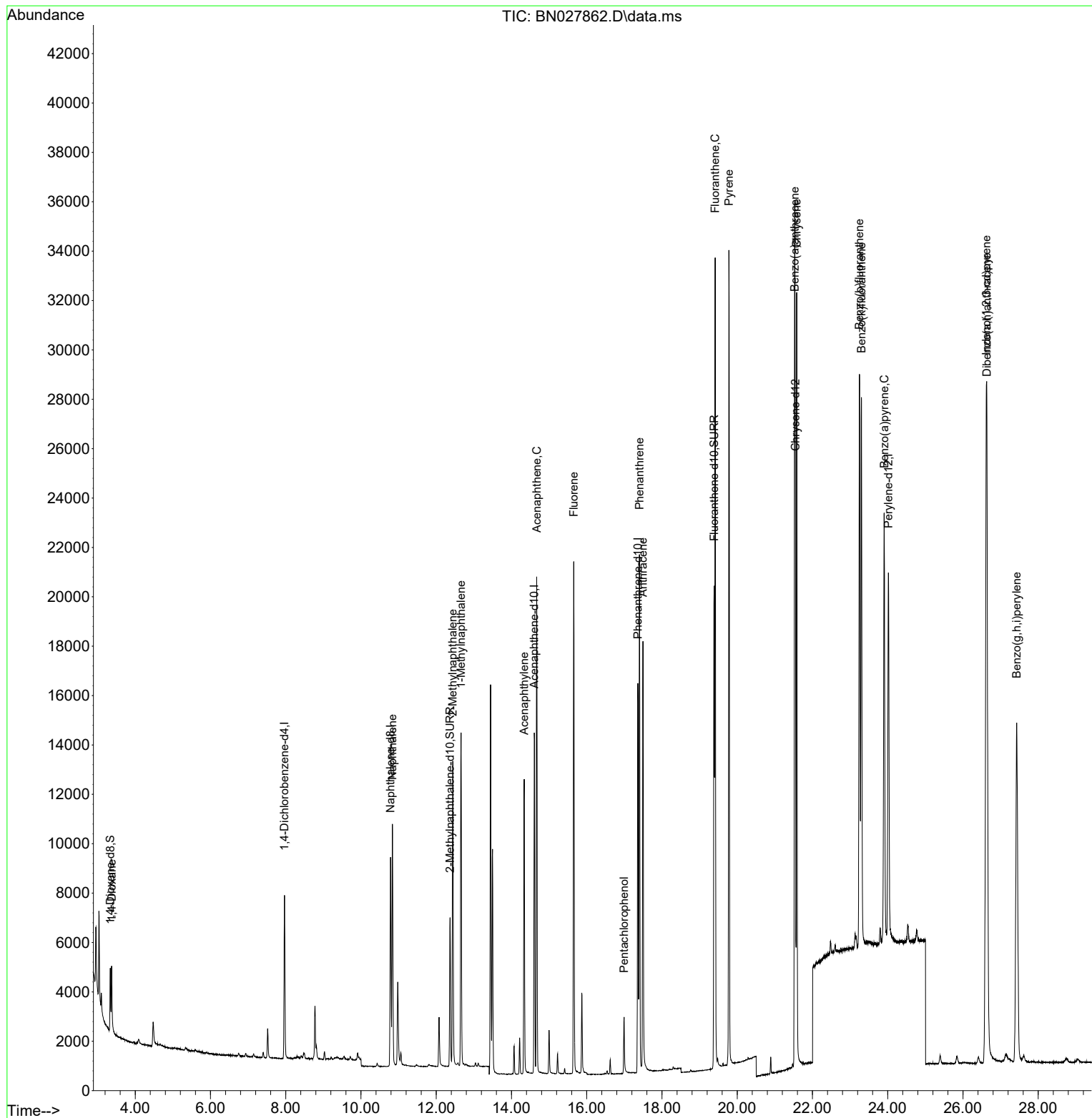
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.966	152	3469	0.400	ng/ul	0.00
4) Naphthalene-d8	10.784	136	11758	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.606	164	7734	0.400	ng/ul	0.01
13) Phenanthrene-d10	17.358	188	18337	0.400	ng/ul	0.02
17) Chrysene-d12	21.545	240	18779	0.400	ng/ul	0.02
23) Perylene-d12	24.018	264	21637	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.338	96	1899	0.435	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.368	152	8049	0.452	ng/ul	0.01
18) Fluoranthene-d10	19.385	212	21930	0.382	ng/ul	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.372	88	1989	0.437	ng/ul	91
5) Naphthalene	10.834	128	13728	0.409	ng/ul	99
7) 2-Methylnaphthalene	12.440	142	9097	0.427	ng/ul	100
8) 1-Methylnaphthalene	12.660	142	9442	0.429	ng/ul	99
10) Acenaphthylene	14.337	152	13626	0.403	ng/ul	99
11) Acenaphthene	14.671	153	11237	0.385	ng/ul	98
12) Fluorene	15.656	166	13232	0.385	ng/ul	98
14) Pentachlorophenol	16.991	266	1661	0.387	ng/ul	97
15) Phenanthrene	17.401	178	22413	0.389	ng/ul	99
16) Anthracene	17.494	178	19945	0.413	ng/ul	100
19) Fluoranthene	19.413	202	26935	0.355	ng/ul	99
20) Pyrene	19.780	202	28064	0.359	ng/ul	99
21) Benzo(a)anthracene	21.527	228	28224	0.388	ng/ul	99
22) Chrysene	21.580	228	28314	0.377	ng/ul	99
24) Benzo(b)fluoranthene	23.249	252	31926	0.331	ng/ul	99
25) Benzo(k)fluoranthene	23.299	252	31517	0.337	ng/ul	98
26) Benzo(a)pyrene	23.907	252	28539	0.368	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.619	276	39127	0.394	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.636	278	31946	0.399	ng/ul	98
29) Benzo(g,h,i)perylene	27.428	276	32949	0.390	ng/ul	97

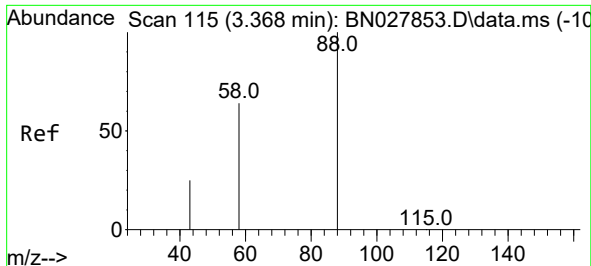
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092623\
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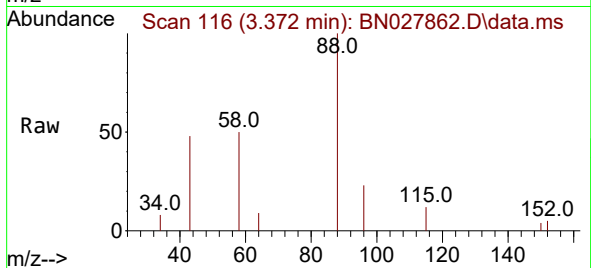
Quant Time: Sep 27 03:00:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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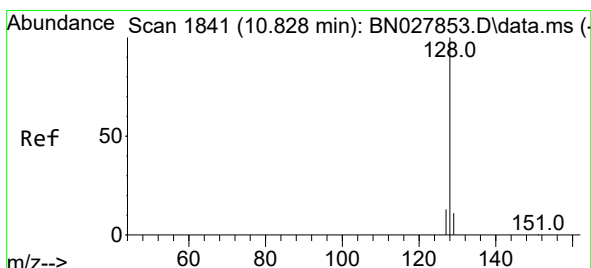
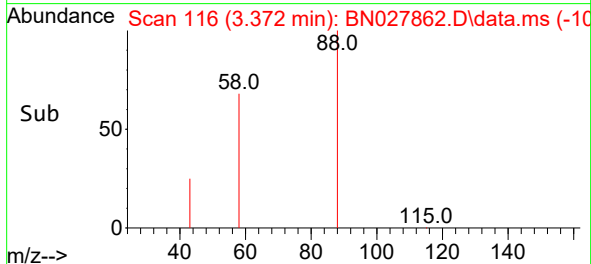
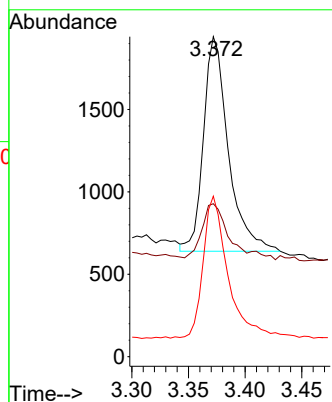
#2
1,4-Dioxane
Concen: 0.437 ng/ul
RT: 3.372 min Scan# 116
Delta R.T. -0.000 min
Lab File: BN027862.D
Acq: 26 Sep 2023 15:30

Instrument :
BNA_N
ClientSampleId :
SSTD0.4273



Tgt Ion: 88 Resp: 1989

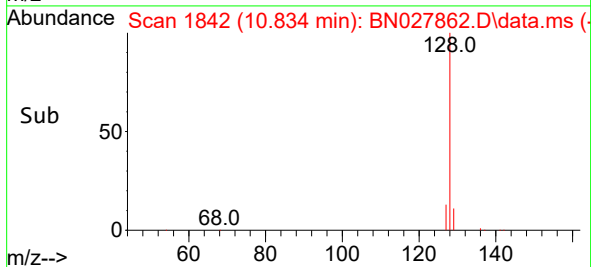
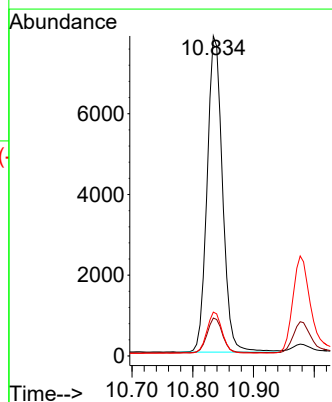
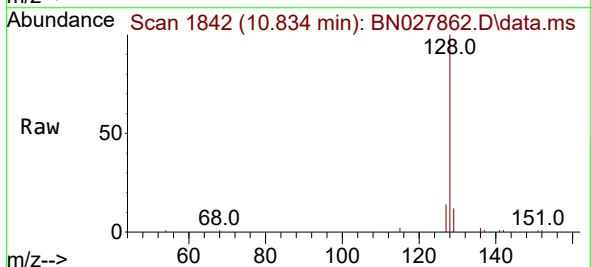
Ion	Ratio	Lower	Upper
88	100		
43	47.8	39.6	59.4
58	50.2	48.3	72.5

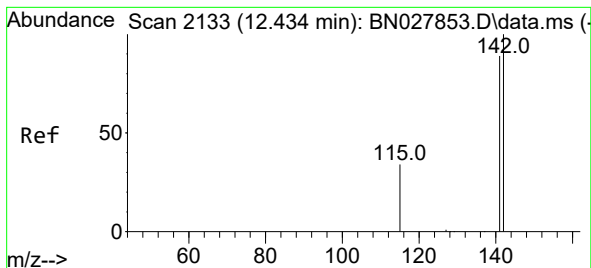


#5
Naphthalene
Concen: 0.409 ng/ul
RT: 10.834 min Scan# 1842
Delta R.T. 0.006 min
Lab File: BN027862.D
Acq: 26 Sep 2023 15:30

Tgt Ion: 128 Resp: 13728

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.3	13.9
127	13.7	10.7	16.1





#7

2-Methylnaphthalene

Concen: 0.427 ng/ul

RT: 12.440 min Scan# 2134

Delta R.T. 0.012 min

Lab File: BN027862.D

Acq: 26 Sep 2023 15:30

Instrument :

BNA_N

ClientSampleId :

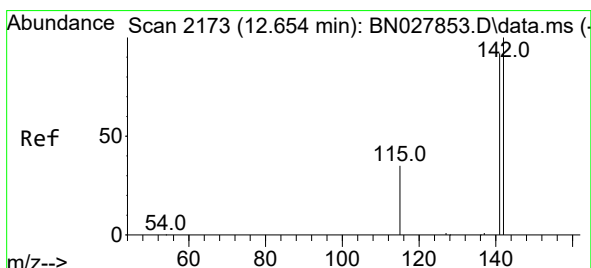
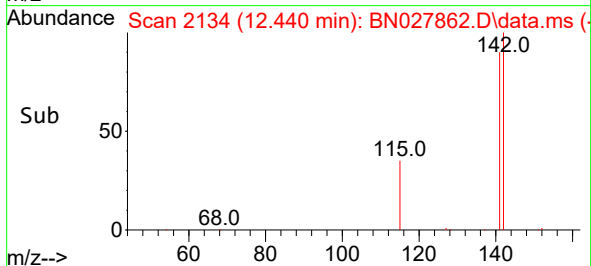
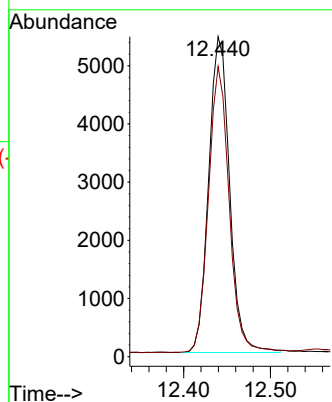
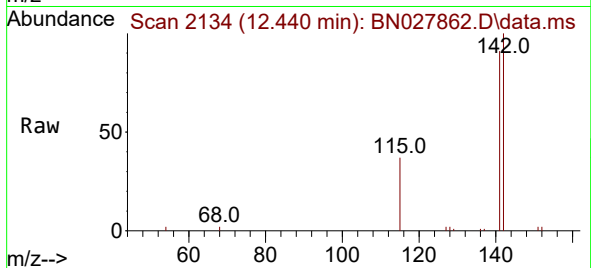
SSTD0.4273

Tgt Ion:142 Resp: 9097

Ion Ratio Lower Upper

142 100

141 89.1 71.1 106.7



#8

1-Methylnaphthalene

Concen: 0.429 ng/ul

RT: 12.660 min Scan# 2174

Delta R.T. 0.012 min

Lab File: BN027862.D

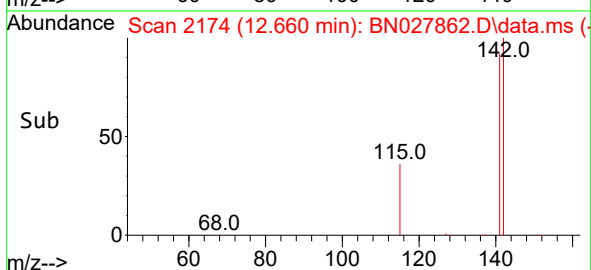
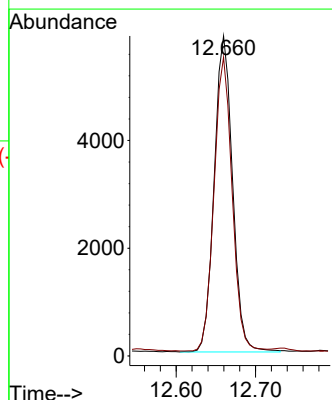
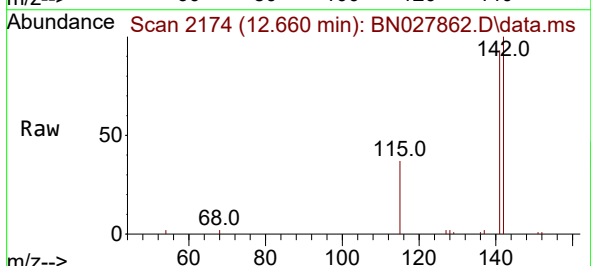
Acq: 26 Sep 2023 15:30

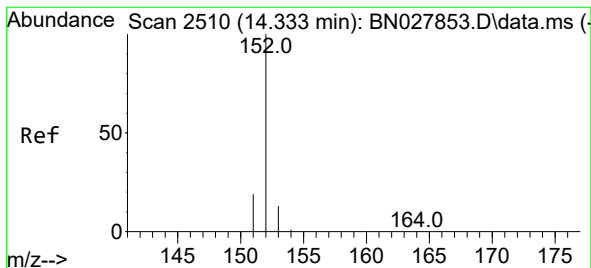
Tgt Ion:142 Resp: 9442

Ion Ratio Lower Upper

142 100

141 91.6 72.8 109.2





#10

Acenaphthylene

Concen: 0.403 ng/ul

RT: 14.337 min Scan# 2510

Delta R.T. 0.018 min

Lab File: BN027862.D

Acq: 26 Sep 2023 15:30

Instrument :

BNA_N

ClientSampleId :

SSTD0.4273

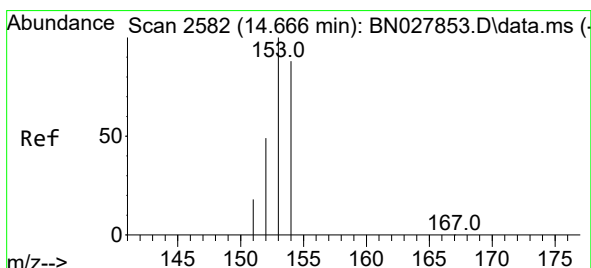
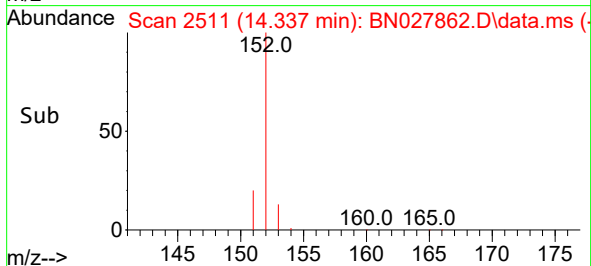
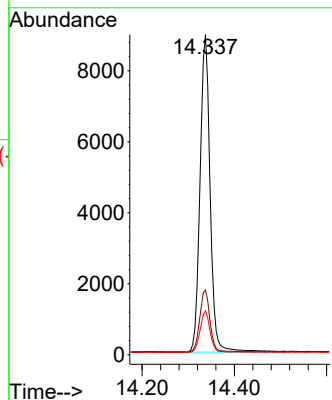
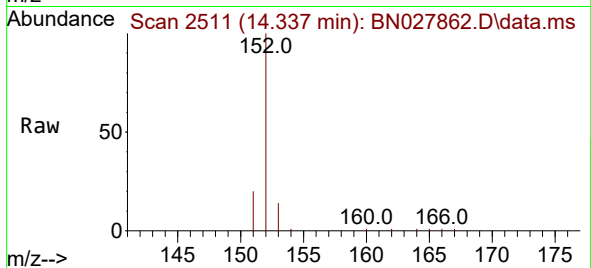
Tgt Ion:152 Resp: 13626

Ion Ratio Lower Upper

152 100

151 20.2 16.6 25.0

153 13.7 11.0 16.6



#11

Acenaphthene

Concen: 0.385 ng/ul

RT: 14.671 min Scan# 2583

Delta R.T. 0.018 min

Lab File: BN027862.D

Acq: 26 Sep 2023 15:30

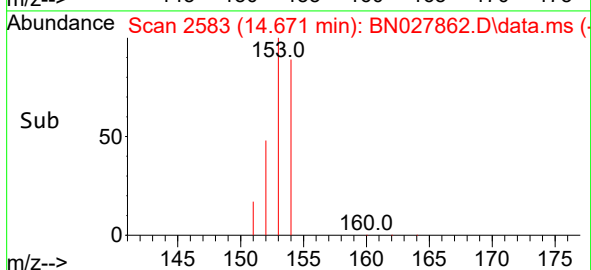
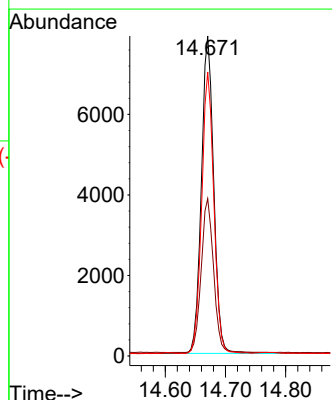
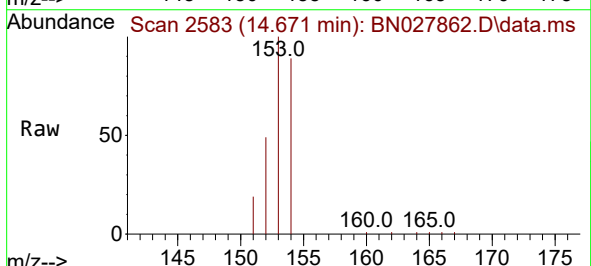
Tgt Ion:153 Resp: 11237

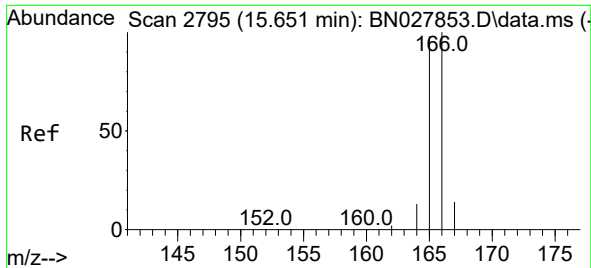
Ion Ratio Lower Upper

153 100

152 49.1 41.7 62.5

154 88.8 70.3 105.5

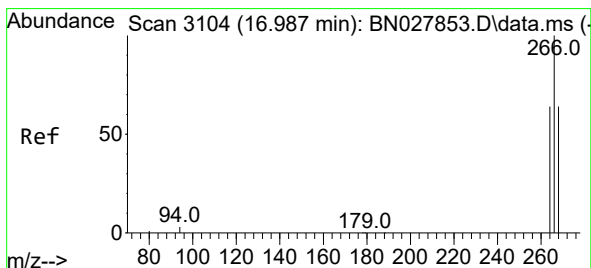
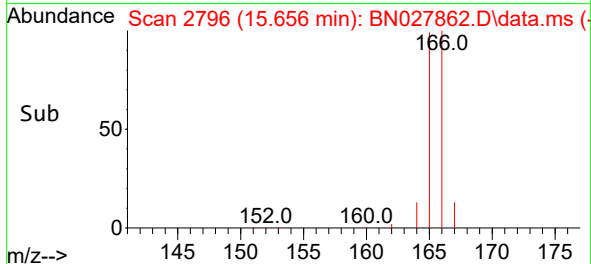
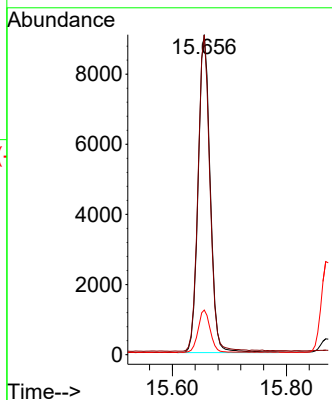
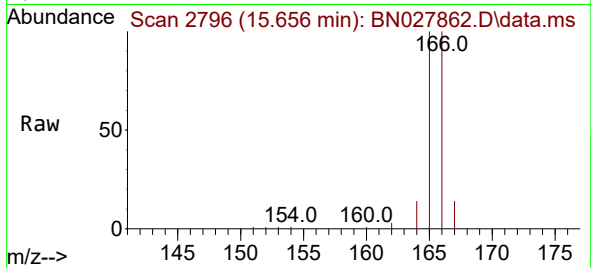




#12
 Fluorene
 Concen: 0.385 ng/ul
 RT: 15.656 min Scan# 21
 Delta R.T. 0.018 min
 Lab File: BN027862.D
 Acq: 26 Sep 2023 15:30

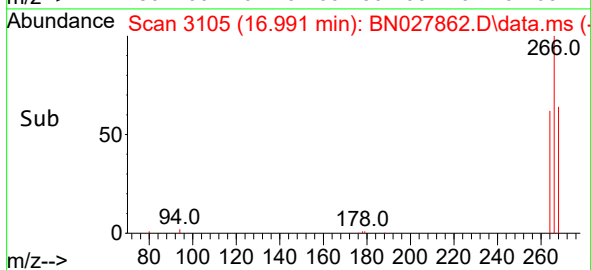
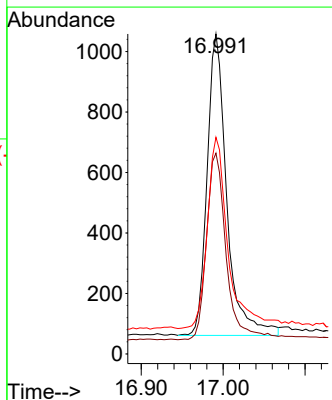
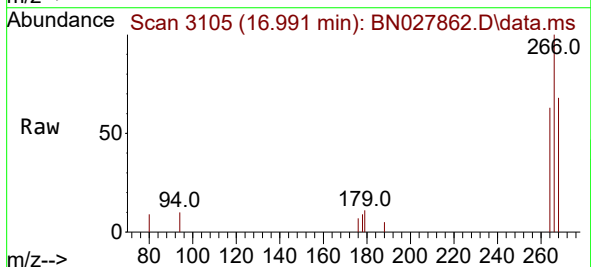
Instrument :
 BNA_N
 ClientSampleId :
 SST00.4273

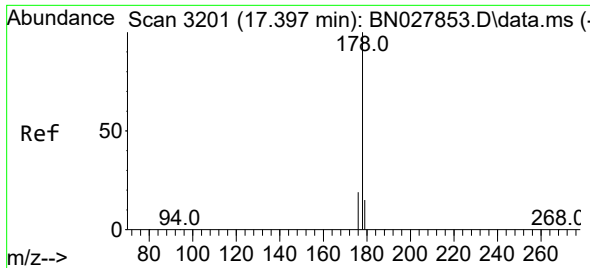
Tgt Ion:166 Resp: 13232
 Ion Ratio Lower Upper
 166 100
 165 99.9 78.0 117.0
 167 14.0 11.4 17.2



#14
 Pentachlorophenol
 Concen: 0.387 ng/ul
 RT: 16.991 min Scan# 3105
 Delta R.T. 0.021 min
 Lab File: BN027862.D
 Acq: 26 Sep 2023 15:30

Tgt Ion:266 Resp: 1661
 Ion Ratio Lower Upper
 266 100
 264 61.9 49.6 74.4
 268 67.7 50.7 76.1

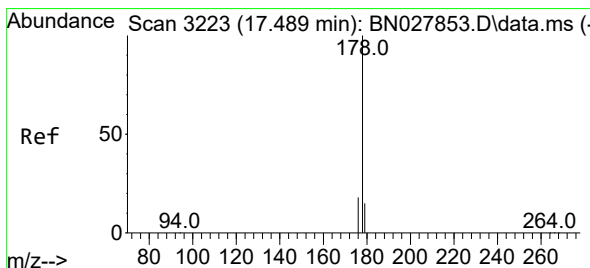
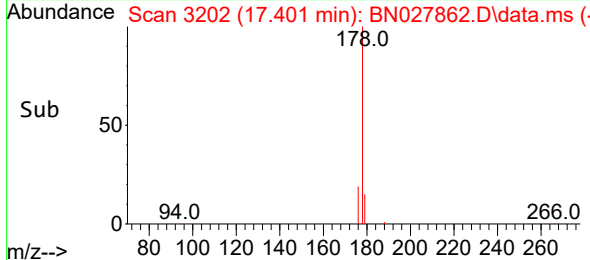
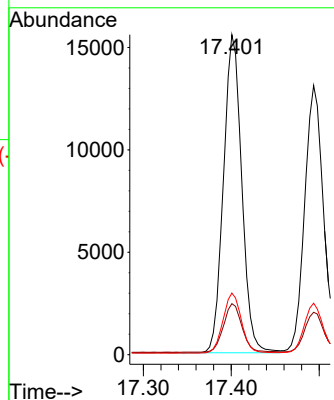
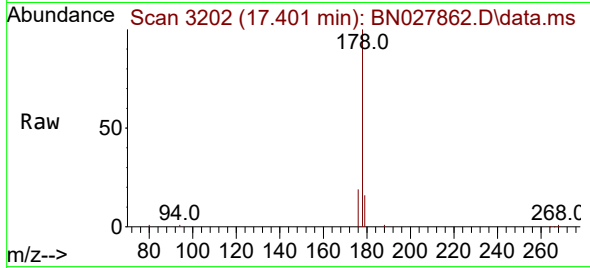




#15
 Phenanthrene
 Concen: 0.389 ng/ul
 RT: 17.401 min Scan# 31
 Delta R.T. 0.016 min
 Lab File: BN027862.D
 Acq: 26 Sep 2023 15:30

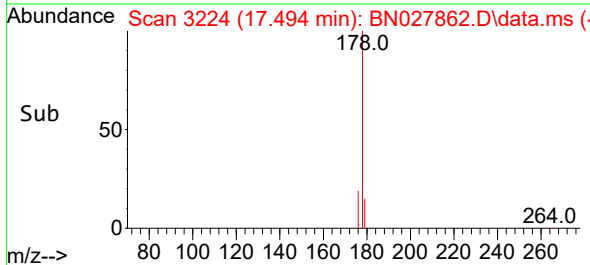
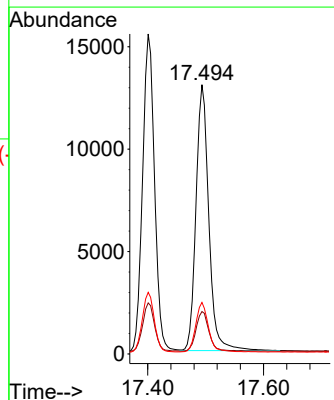
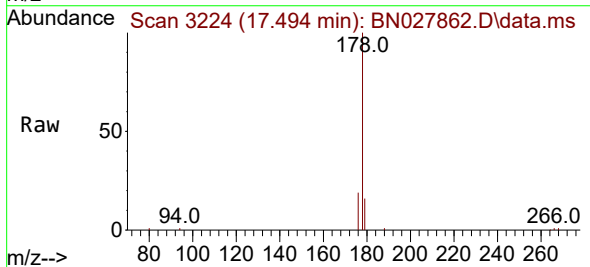
Instrument :
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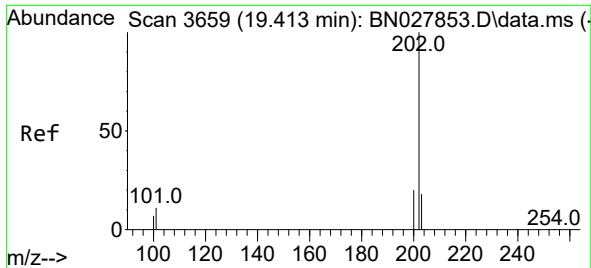
Tgt Ion:	178	Resp:	22413
Ion Ratio	Lower	Upper	
178	100		
179	15.9	12.4	18.6
176	19.3	16.0	24.0



#16
 Anthracene
 Concen: 0.413 ng/ul
 RT: 17.494 min Scan# 3224
 Delta R.T. 0.016 min
 Lab File: BN027862.D
 Acq: 26 Sep 2023 15:30

Tgt Ion:	178	Resp:	19945
Ion Ratio	Lower	Upper	
178	100		
179	15.7	12.6	19.0
176	19.1	15.5	23.3

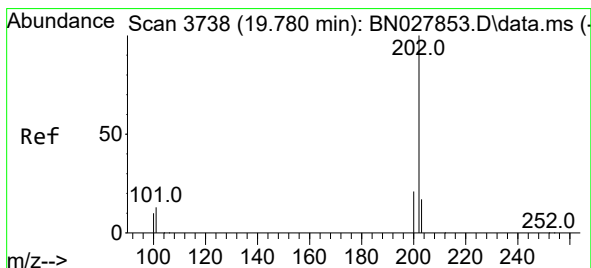
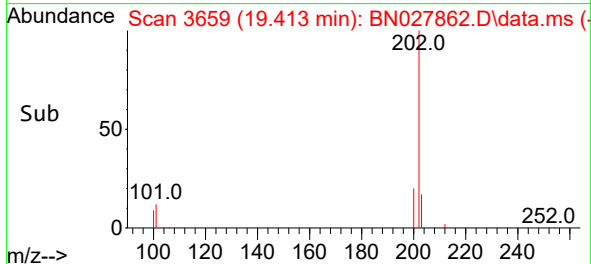
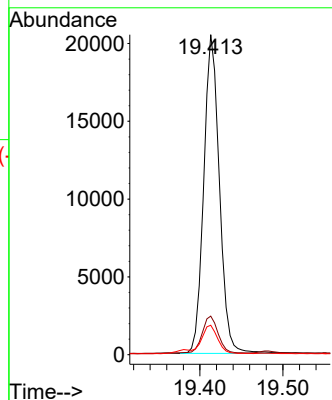
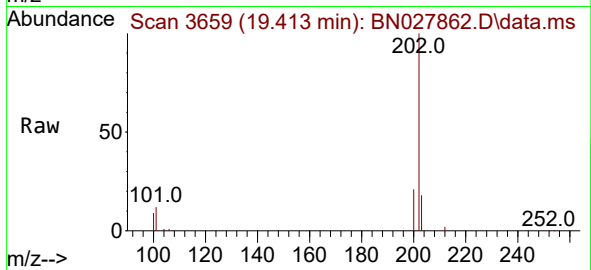




#19
Fluoranthene
Concen: 0.355 ng/ul
RT: 19.413 min Scan# 3659
Delta R.T. 0.018 min
Lab File: BN027862.D
Acq: 26 Sep 2023 15:30

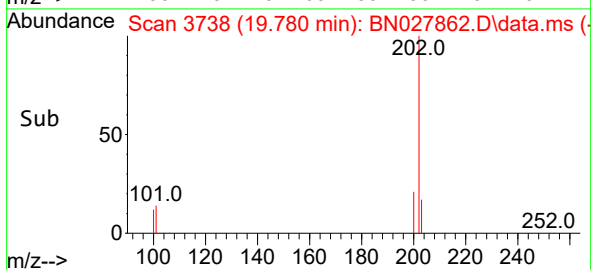
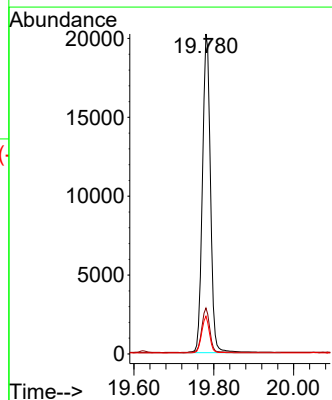
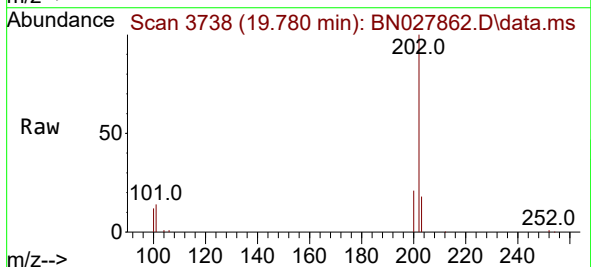
Instrument :
BNA_N
ClientSampleId :
SSTD0.4273

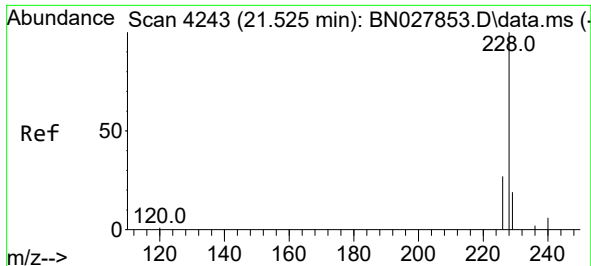
Tgt Ion:202 Resp: 26935
Ion Ratio Lower Upper
202 100
101 12.0 9.3 13.9
100 9.2 7.0 10.4



#20
Pyrene
Concen: 0.359 ng/ul
RT: 19.780 min Scan# 3738
Delta R.T. 0.018 min
Lab File: BN027862.D
Acq: 26 Sep 2023 15:30

Tgt Ion:202 Resp: 28064
Ion Ratio Lower Upper
202 100
101 14.4 11.4 17.0
100 11.8 9.1 13.7

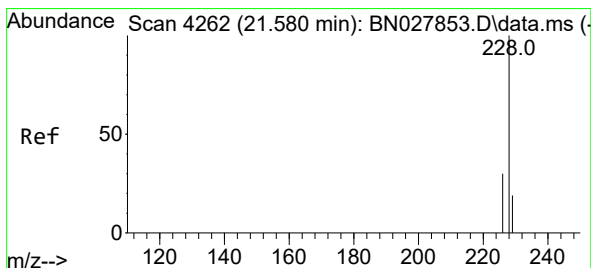
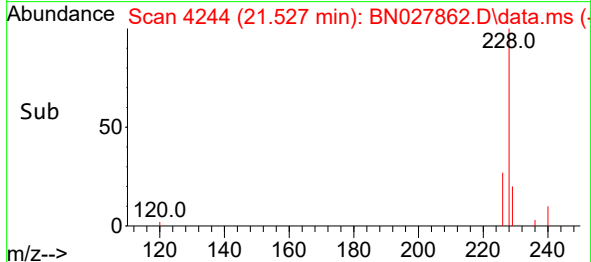
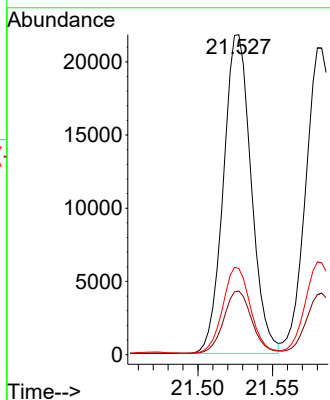
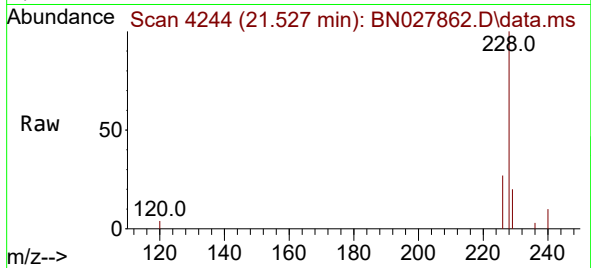




#21
Benzo(a)anthracene
Concen: 0.388 ng/ul
RT: 21.527 min Scan# 4243
Delta R.T. 0.024 min
Lab File: BN027862.D
Acq: 26 Sep 2023 15:30

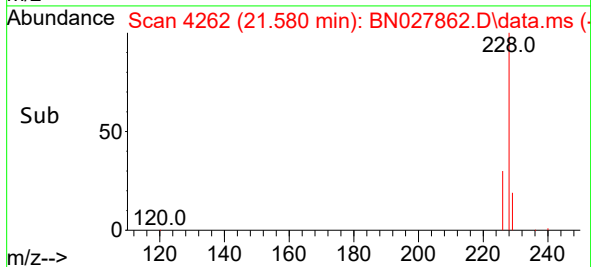
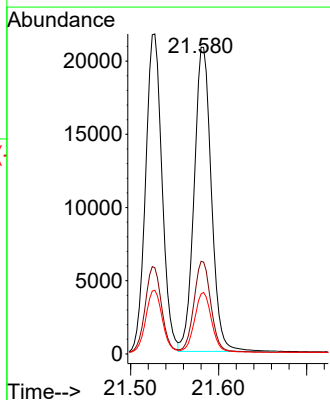
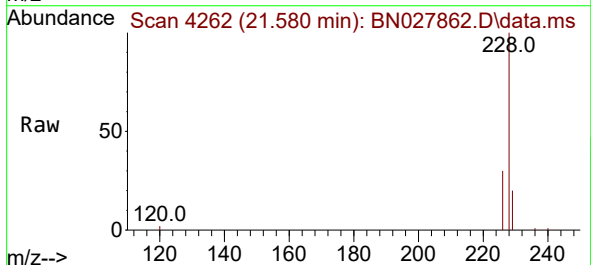
Instrument :
BNA_N
ClientSampleId :
SSTD0.4273

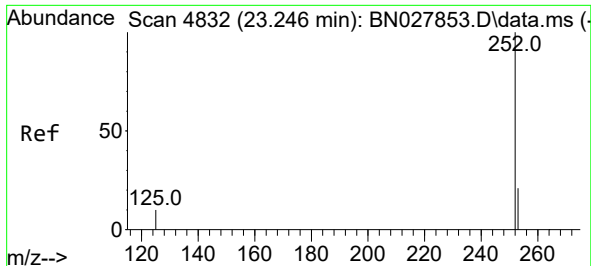
Tgt Ion:228 Resp: 28224
Ion Ratio Lower Upper
228 100
229 19.9 15.8 23.8
226 26.9 22.0 33.0



#22
Chrysene
Concen: 0.377 ng/ul
RT: 21.580 min Scan# 4262
Delta R.T. 0.021 min
Lab File: BN027862.D
Acq: 26 Sep 2023 15:30

Tgt Ion:228 Resp: 28314
Ion Ratio Lower Upper
228 100
226 30.2 24.5 36.7
229 19.6 16.0 24.0

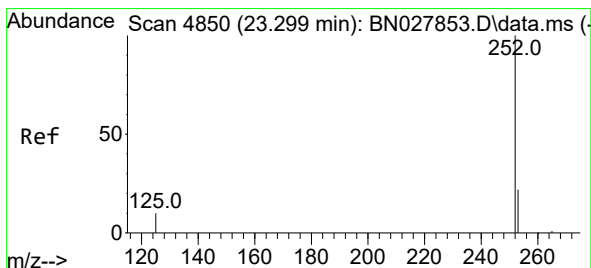
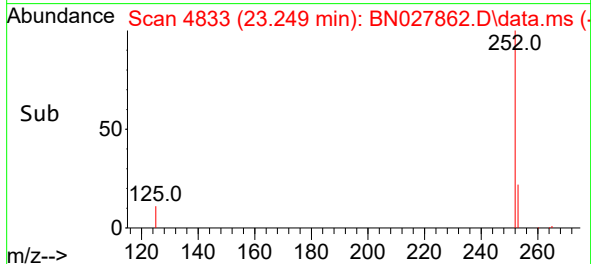
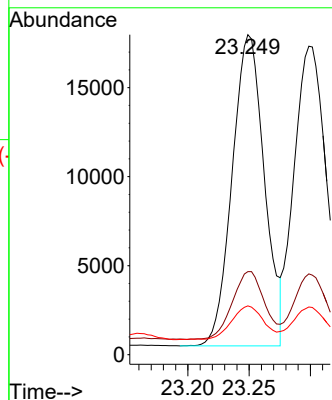
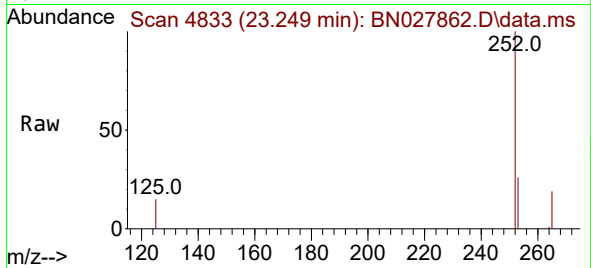




#24
Benzo(b)fluoranthene
Concen: 0.331 ng/ul
RT: 23.249 min Scan# 4833
Delta R.T. 0.009 min
Lab File: BN027862.D
Acq: 26 Sep 2023 15:30

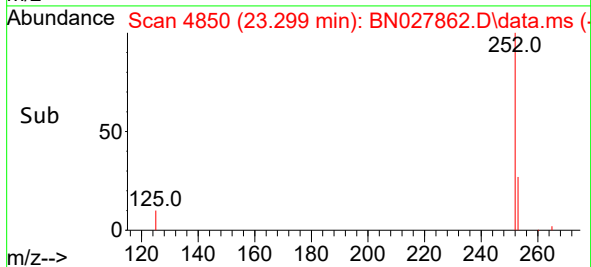
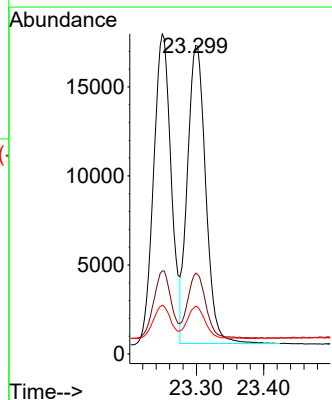
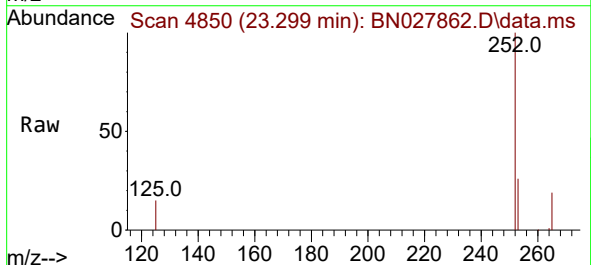
Instrument :
BNA_N
ClientSampleId :
SSTD0.4273

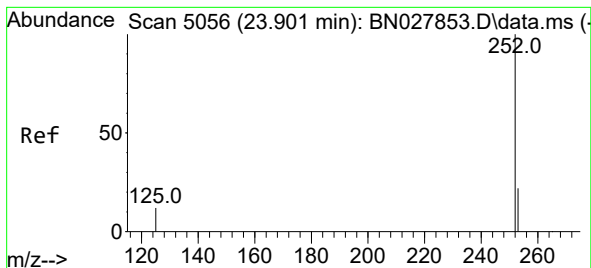
Tgt Ion:252 Resp: 31926
Ion Ratio Lower Upper
252 100
253 26.0 0.0 50.2
125 15.3 0.0 31.4



#25
Benzo(k)fluoranthene
Concen: 0.337 ng/ul
RT: 23.299 min Scan# 4850
Delta R.T. 0.006 min
Lab File: BN027862.D
Acq: 26 Sep 2023 15:30

Tgt Ion:252 Resp: 31517
Ion Ratio Lower Upper
252 100
253 26.2 19.9 29.9
125 15.4 12.6 19.0





#26

Benzo(a)pyrene

Concen: 0.368 ng/ul

RT: 23.907 min Scan# 5056

Delta R.T. 0.006 min

Lab File: BN027862.D

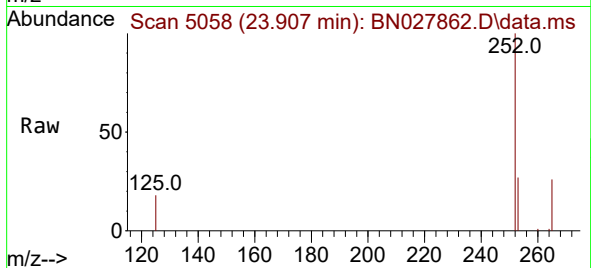
Acq: 26 Sep 2023 15:30

Instrument :

BNA_N

ClientSampleId :

SSTD0.4273



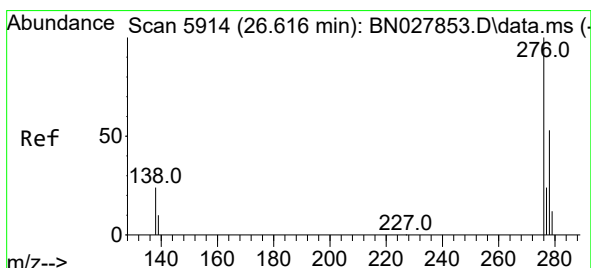
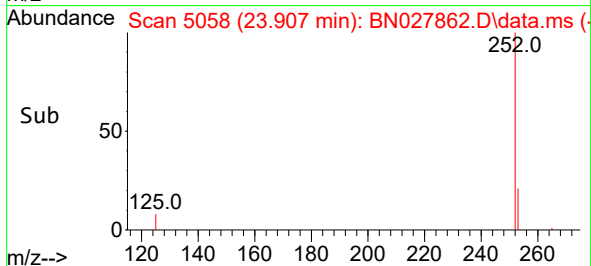
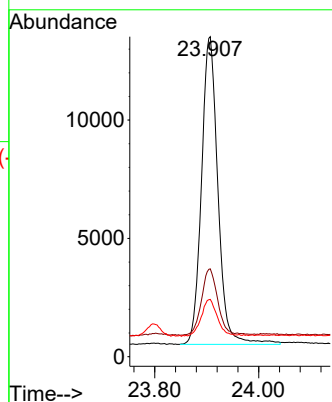
Tgt Ion:252 Resp: 28539

Ion Ratio Lower Upper

252 100

253 27.5 21.9 32.9

125 17.9 15.5 23.3



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.394 ng/ul

RT: 26.619 min Scan# 5915

Delta R.T. -0.014 min

Lab File: BN027862.D

Acq: 26 Sep 2023 15:30

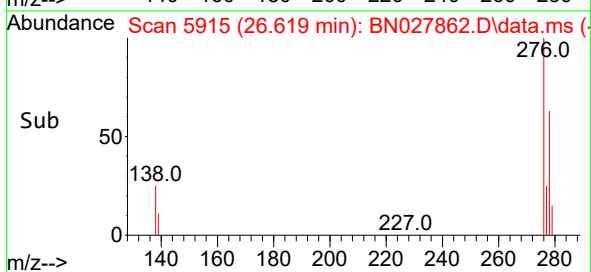
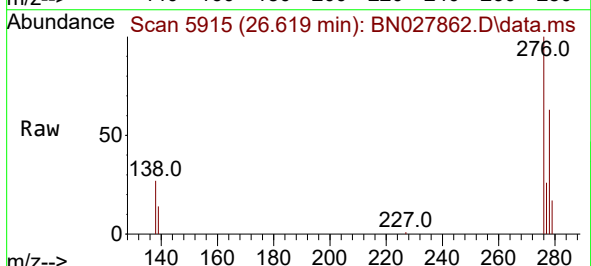
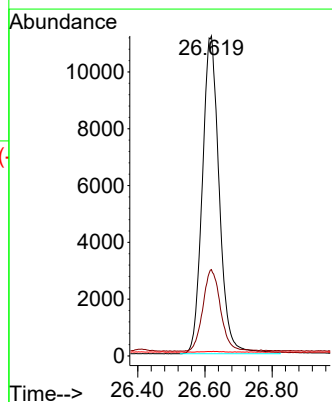
Tgt Ion:276 Resp: 39127

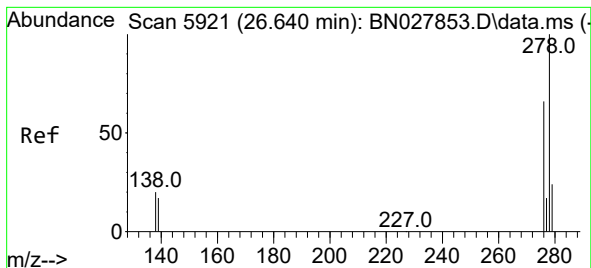
Ion Ratio Lower Upper

276 100

138 26.8 24.3 36.5

227 0.2 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.399 ng/ul

RT: 26.636 min Scan# 5921

Delta R.T. -0.020 min

Lab File: BN027862.D

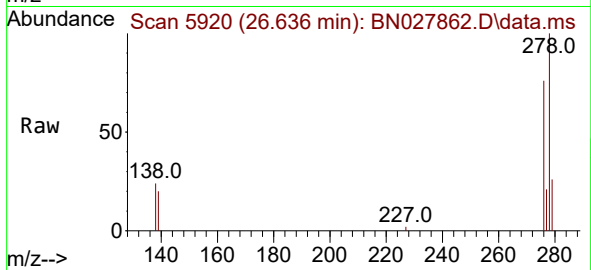
Acq: 26 Sep 2023 15:30

Instrument :

BNA_N

ClientSampleId :

SSTD0.4273



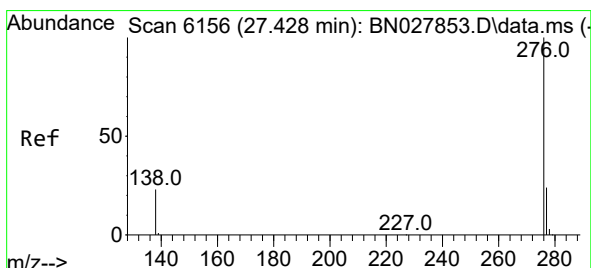
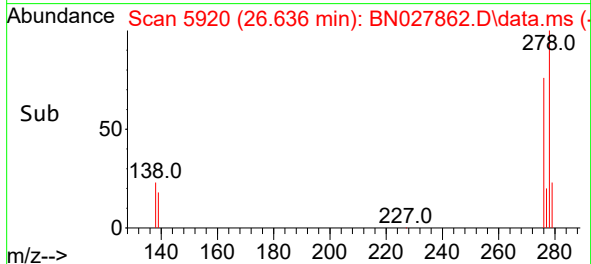
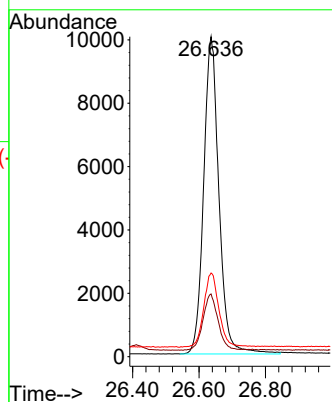
Tgt Ion:278 Resp: 31946

Ion Ratio Lower Upper

278 100

139 19.6 17.2 25.8

279 26.2 21.4 32.0



#29

Benzo(g,h,i)perylene

Concen: 0.390 ng/ul

RT: 27.428 min Scan# 6156

Delta R.T. -0.027 min

Lab File: BN027862.D

Acq: 26 Sep 2023 15:30

Tgt Ion:276 Resp: 32949

Ion Ratio Lower Upper

276 100

138 24.5 21.7 32.5

277 24.6 20.2 30.2

