

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092623\
 Data File : BN027853.D
 Acq On : 26 Sep 2023 09:29
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4272

Quant Time: Sep 27 02:59:19 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

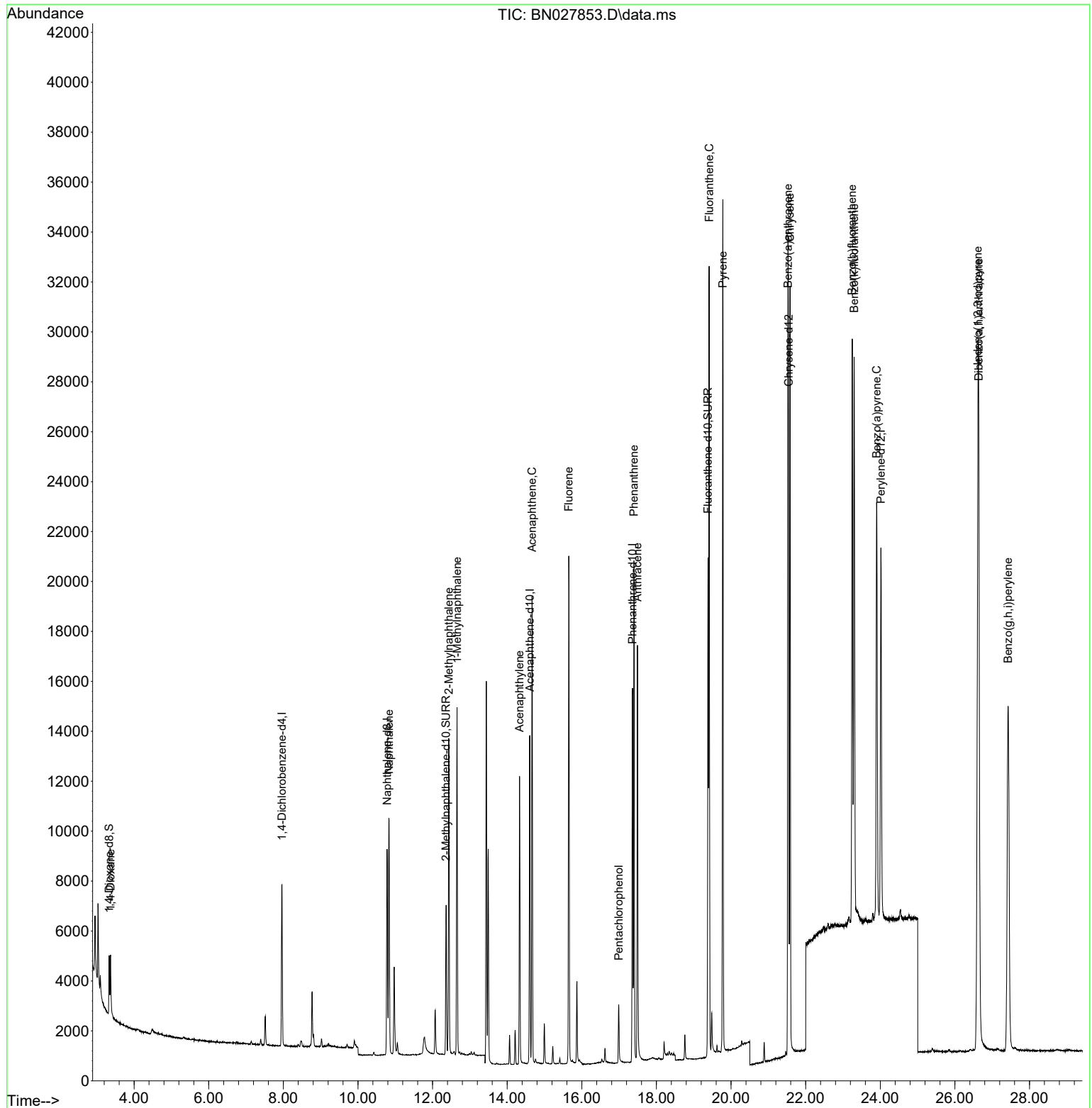
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.962	152	3418	0.400	ng/ul	0.00
4) Naphthalene-d8	10.779	136	11302	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.606	164	7366	0.400	ng/ul	0.01
13) Phenanthrene-d10	17.359	188	17404	0.400	ng/ul	0.02
17) Chrysene-d12	21.542	240	18053	0.400	ng/ul	0.02
23) Perylene-d12	24.018	264	20705	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	1711	0.397	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.363	152	7801	0.456	ng/ul	0.00
18) Fluoranthene-d10	19.381	212	21399	0.388	ng/ul	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.368	88	1769	0.395	ng/ul#	78
5) Naphthalene	10.828	128	13251	0.410	ng/ul	99
7) 2-Methylnaphthalene	12.434	142	8863	0.432	ng/ul	100
8) 1-Methylnaphthalene	12.654	142	9106	0.431	ng/ul	99
10) Acenaphthylene	14.333	152	12946	0.402	ng/ul	99
11) Acenaphthene	14.666	153	10641	0.383	ng/ul	99
12) Fluorene	15.651	166	12871	0.394	ng/ul	99
14) Pentachlorophenol	16.987	266	1679	0.412	ng/ul	96
15) Phenanthrene	17.397	178	21538	0.394	ng/ul	99
16) Anthracene	17.489	178	18887	0.412	ng/ul	99
19) Fluoranthene	19.413	202	26326	0.361	ng/ul	100
20) Pyrene	19.780	202	27685	0.368	ng/ul	99
21) Benzo(a)anthracene	21.525	228	27498	0.394	ng/ul	99
22) Chrysene	21.580	228	27355	0.379	ng/ul	99
24) Benzo(b)fluoranthene	23.246	252	30874	0.335	ng/ul	99
25) Benzo(k)fluoranthene	23.299	252	31280	0.350	ng/ul	98
26) Benzo(a)pyrene	23.901	252	27156	0.366	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.616	276	40581	0.427	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.640	278	32851	0.429	ng/ul	98
29) Benzo(g,h,i)perylene	27.428	276	34249	0.424	ng/ul	97

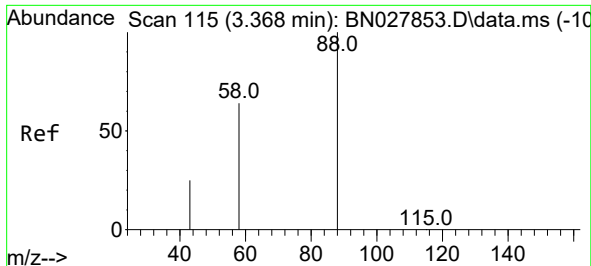
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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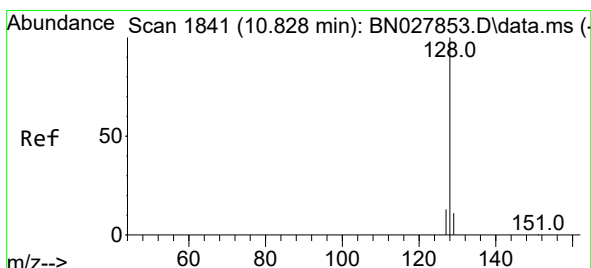
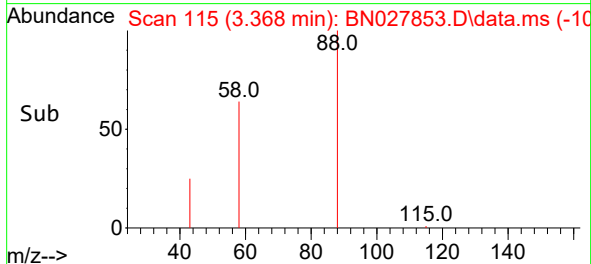
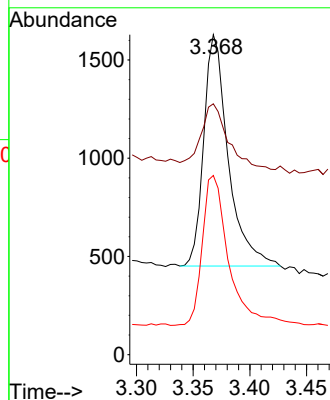
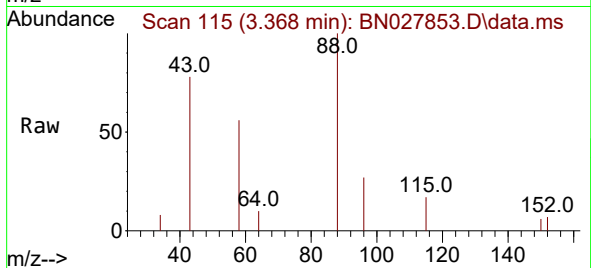




#2
1,4-Dioxane
Concen: 0.395 ng/ul
RT: 3.368 min Scan# 115
Delta R.T. -0.005 min
Lab File: BN027853.D
Acq: 26 Sep 2023 09:29

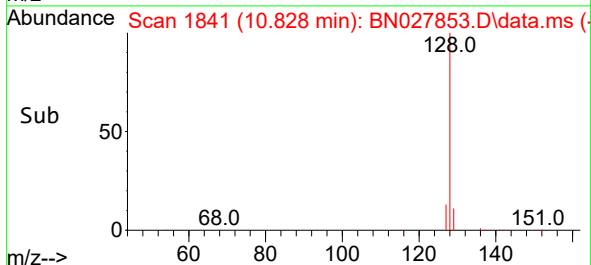
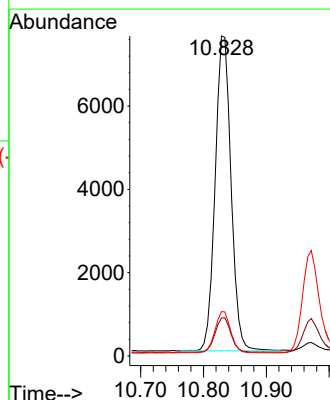
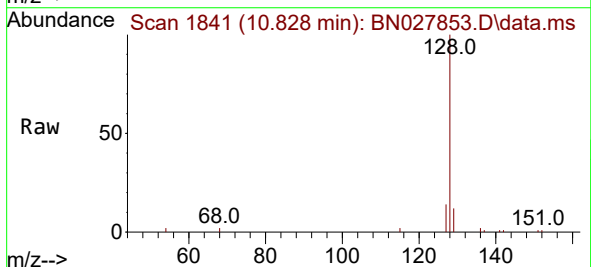
Instrument :
BNA_N
ClientSampleId :
SSTD0.4272

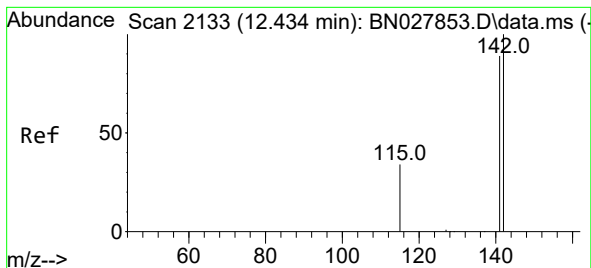
Tgt Ion: 88 Resp: 1769
Ion Ratio Lower Upper
88 100
43 78.4 39.6 59.4#
58 56.0 48.3 72.5



#5
Naphthalene
Concen: 0.410 ng/ul
RT: 10.828 min Scan# 1841
Delta R.T. 0.001 min
Lab File: BN027853.D
Acq: 26 Sep 2023 09:29

Tgt Ion:128 Resp: 13251
Ion Ratio Lower Upper
128 100
129 11.9 9.3 13.9
127 13.8 10.7 16.1





#7

2-Methylnaphthalene

Concen: 0.432 ng/ul

RT: 12.434 min Scan# 2133

Delta R.T. 0.006 min

Lab File: BN027853.D

Acq: 26 Sep 2023 09:29

Instrument :

BNA_N

ClientSampleId :

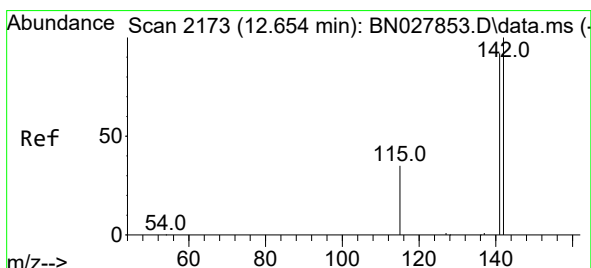
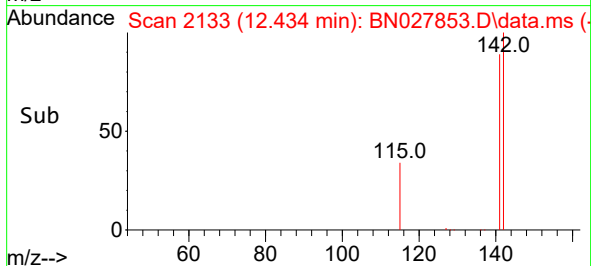
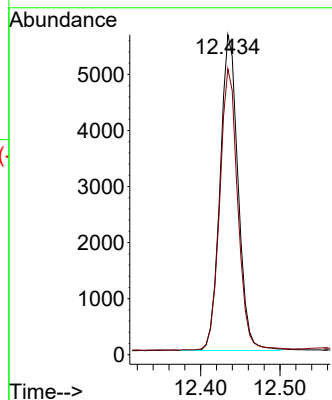
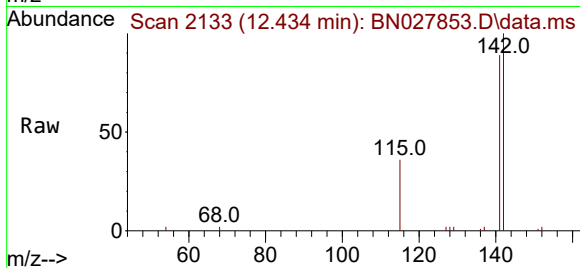
SSTD0.4272

Tgt Ion:142 Resp: 8863

Ion Ratio Lower Upper

142 100

141 89.3 71.1 106.7



#8

1-Methylnaphthalene

Concen: 0.431 ng/ul

RT: 12.654 min Scan# 2173

Delta R.T. 0.006 min

Lab File: BN027853.D

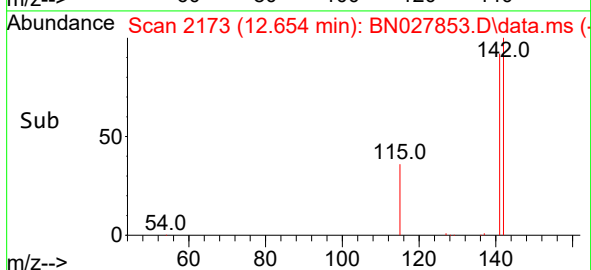
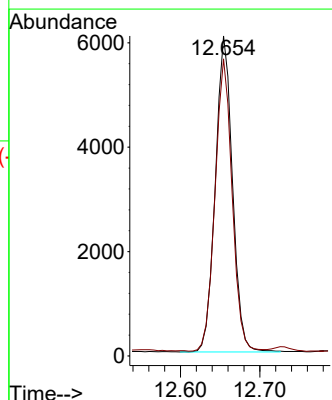
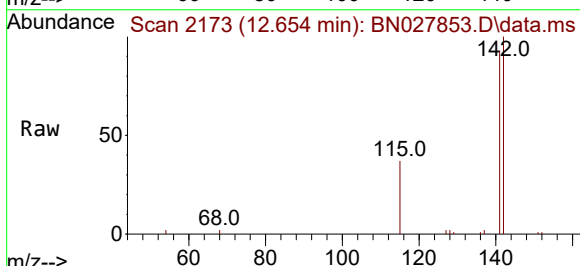
Acq: 26 Sep 2023 09:29

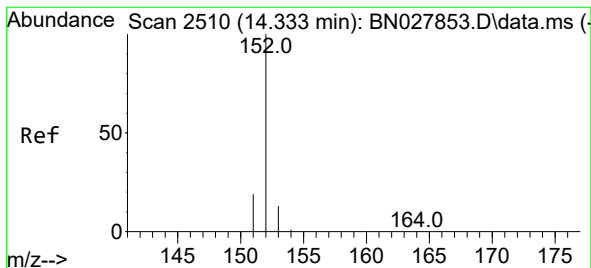
Tgt Ion:142 Resp: 9106

Ion Ratio Lower Upper

142 100

141 91.9 72.8 109.2





#10

Acenaphthylene

Concen: 0.402 ng/ul

RT: 14.333 min Scan# 2510

Delta R.T. 0.013 min

Lab File: BN027853.D

Acq: 26 Sep 2023 09:29

Instrument :

BNA_N

ClientSampleId :

SSTD0.4272

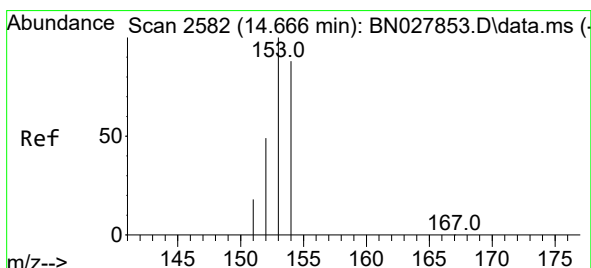
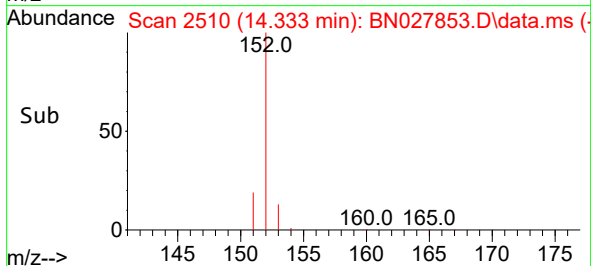
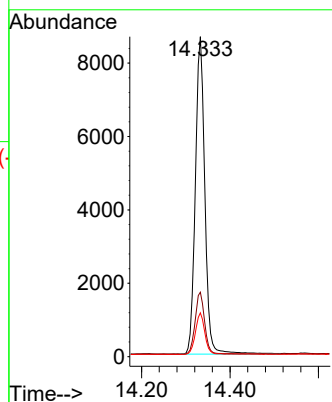
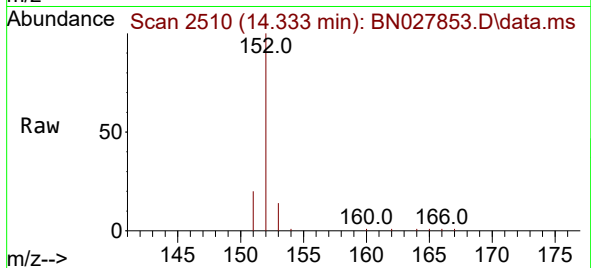
Tgt Ion:152 Resp: 12946

Ion Ratio Lower Upper

152 100

151 20.1 16.6 25.0

153 13.7 11.0 16.6



#11

Acenaphthene

Concen: 0.383 ng/ul

RT: 14.666 min Scan# 2582

Delta R.T. 0.013 min

Lab File: BN027853.D

Acq: 26 Sep 2023 09:29

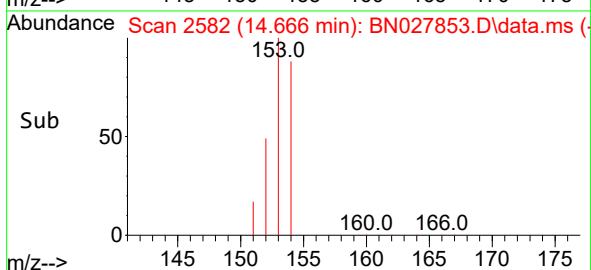
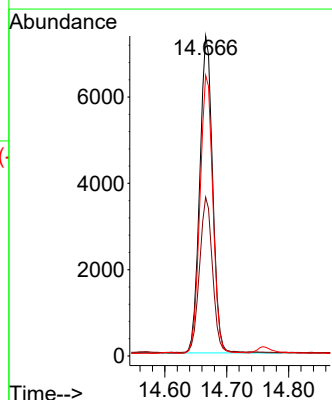
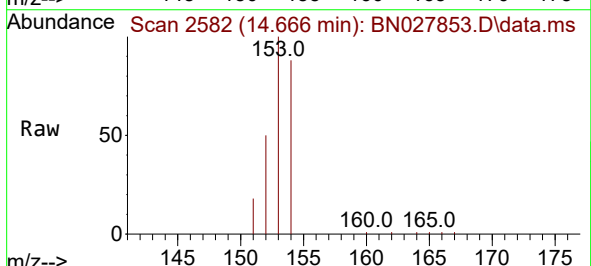
Tgt Ion:153 Resp: 10641

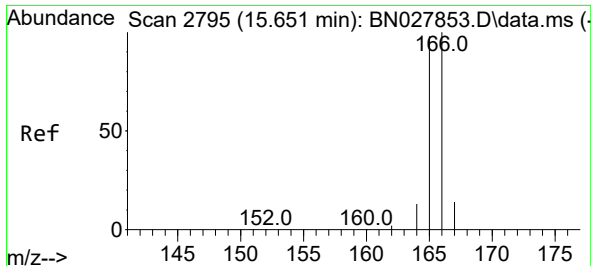
Ion Ratio Lower Upper

153 100

152 49.6 41.7 62.5

154 87.7 70.3 105.5

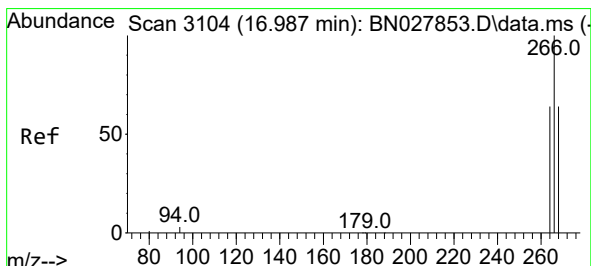
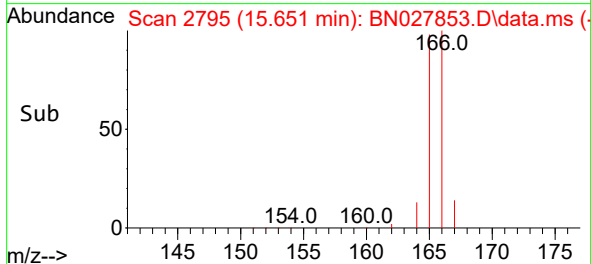
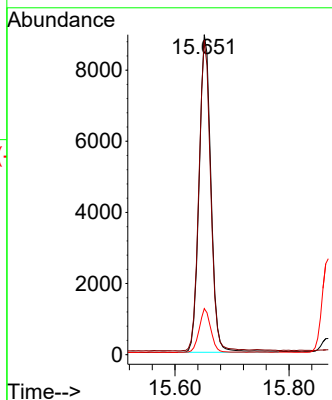
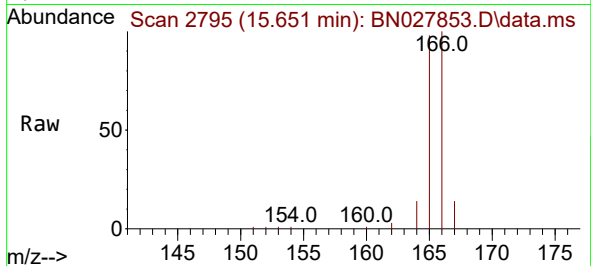




#12
Fluorene
Concen: 0.394 ng/ul
RT: 15.651 min Scan# 2795
Delta R.T. 0.013 min
Lab File: BN027853.D
Acq: 26 Sep 2023 09:29

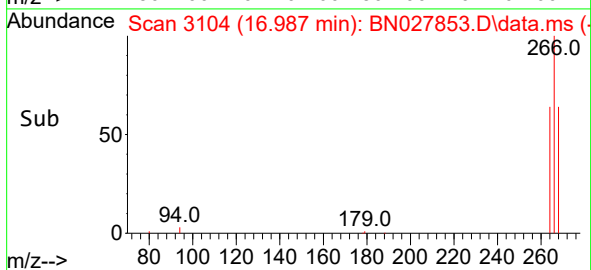
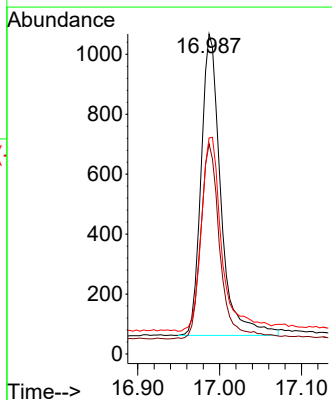
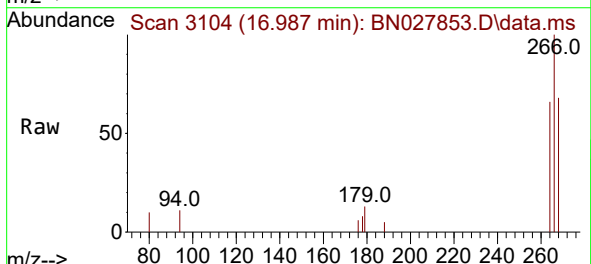
Instrument :
BNA_N
ClientSampleId :
SSTD0.4272

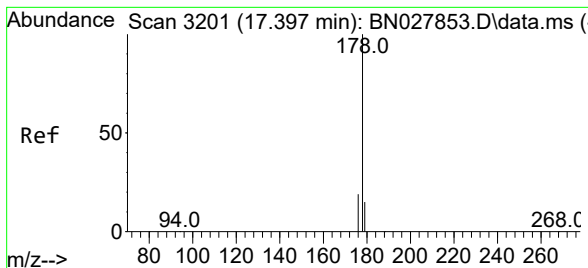
Tgt Ion:166 Resp: 12871
Ion Ratio Lower Upper
166 100
165 98.2 78.0 117.0
167 14.4 11.4 17.2



#14
Pentachlorophenol
Concen: 0.412 ng/ul
RT: 16.987 min Scan# 3104
Delta R.T. 0.016 min
Lab File: BN027853.D
Acq: 26 Sep 2023 09:29

Tgt Ion:266 Resp: 1679
Ion Ratio Lower Upper
266 100
264 63.6 49.6 74.4
268 67.8 50.7 76.1





#15

Phenanthrene

Concen: 0.394 ng/ul

RT: 17.397 min Scan# 3201

Delta R.T. 0.012 min

Lab File: BN027853.D

Acq: 26 Sep 2023 09:29

Instrument :

BNA_N

ClientSampleId :

SSTD0.4272

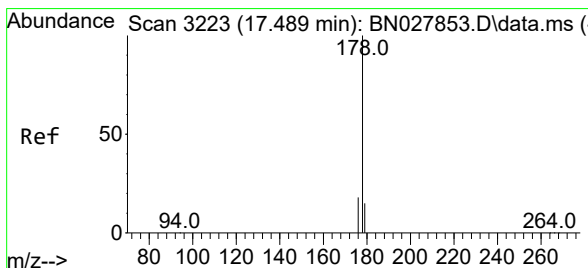
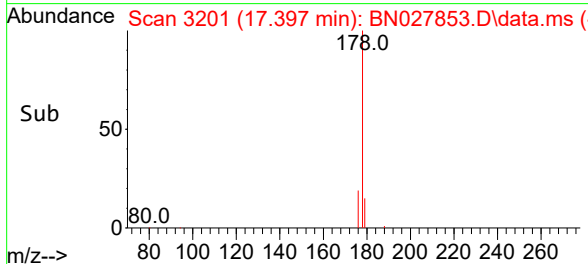
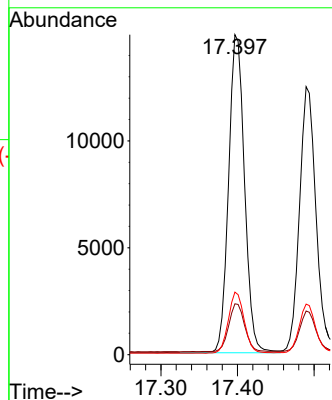
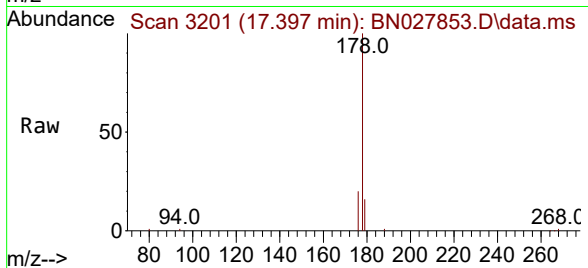
Tgt Ion:178 Resp: 21538

Ion Ratio Lower Upper

178 100

179 15.9 12.4 18.6

176 19.6 16.0 24.0



#16

Anthracene

Concen: 0.412 ng/ul

RT: 17.489 min Scan# 3223

Delta R.T. 0.012 min

Lab File: BN027853.D

Acq: 26 Sep 2023 09:29

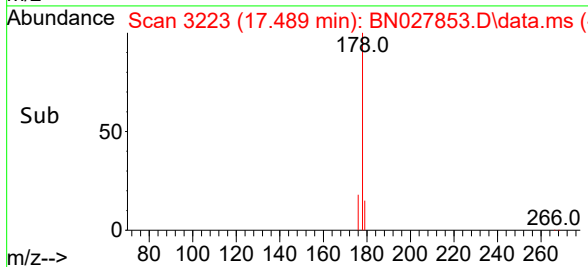
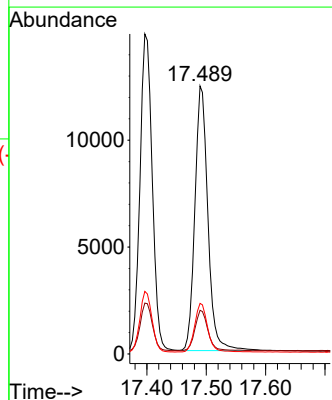
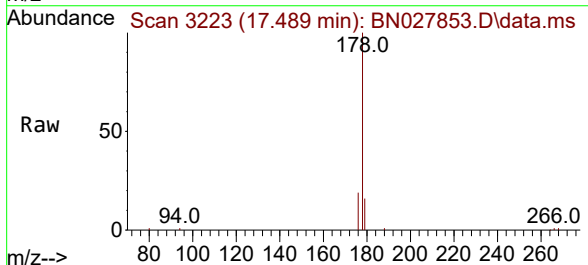
Tgt Ion:178 Resp: 18887

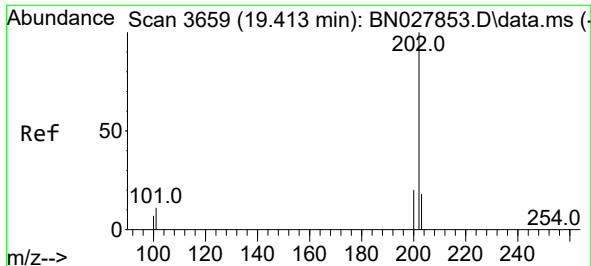
Ion Ratio Lower Upper

178 100

179 16.3 12.6 19.0

176 18.9 15.5 23.3

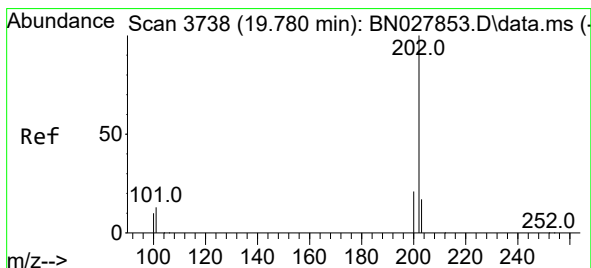
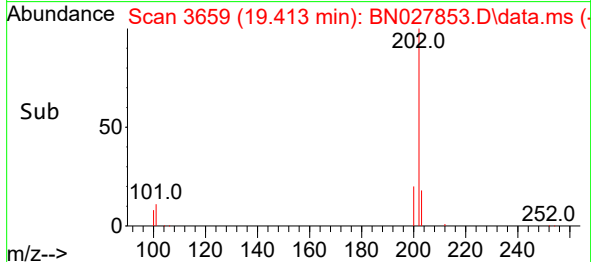
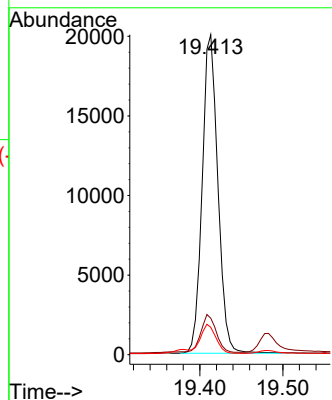
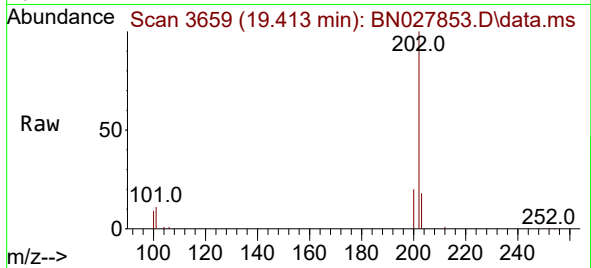




#19
Fluoranthene
Concen: 0.361 ng/u1
RT: 19.413 min Scan# 3659
Delta R.T. 0.018 min
Lab File: BN027853.D
Acq: 26 Sep 2023 09:29

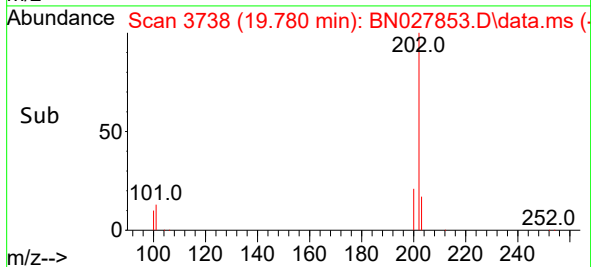
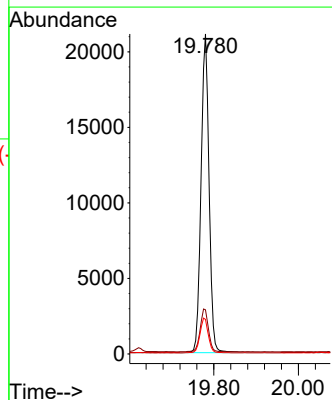
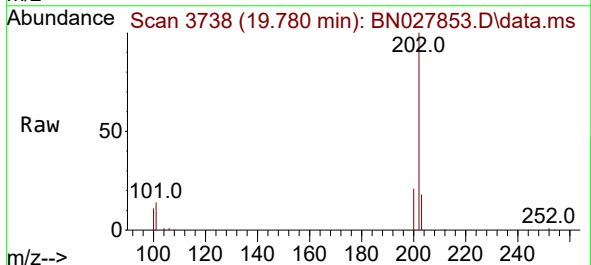
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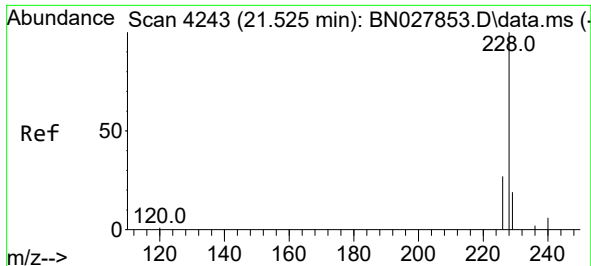
Tgt Ion:202 Resp: 26326
Ion Ratio Lower Upper
202 100
101 11.4 9.3 13.9
100 8.5 7.0 10.4



#20
Pyrene
Concen: 0.368 ng/u1
RT: 19.780 min Scan# 3738
Delta R.T. 0.018 min
Lab File: BN027853.D
Acq: 26 Sep 2023 09:29

Tgt Ion:202 Resp: 27685
Ion Ratio Lower Upper
202 100
101 13.8 11.4 17.0
100 10.8 9.1 13.7

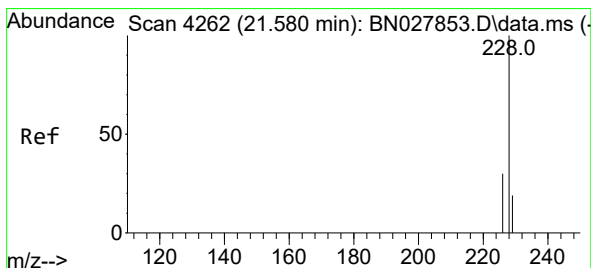
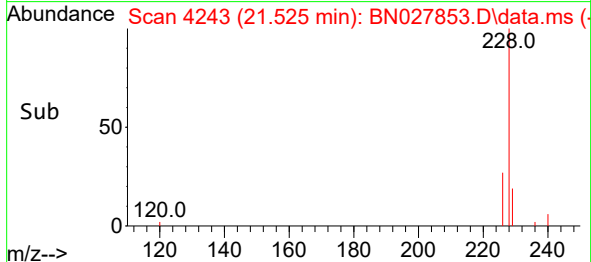
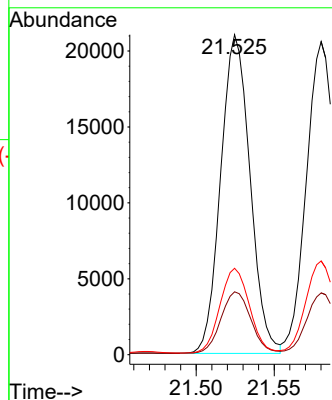
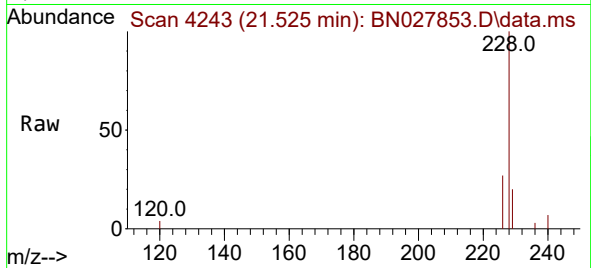




#21
Benzo(a)anthracene
Concen: 0.394 ng/ul
RT: 21.525 min Scan# 4243
Delta R.T. 0.021 min
Lab File: BN027853.D
Acq: 26 Sep 2023 09:29

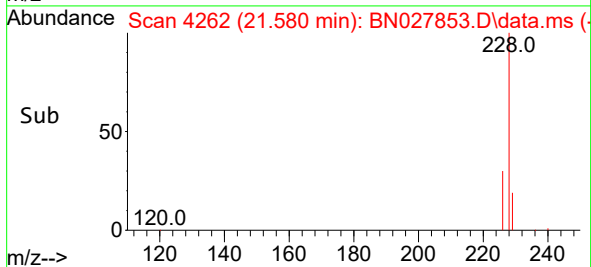
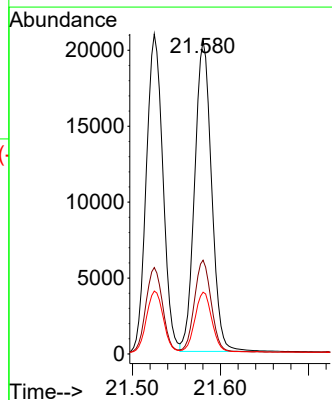
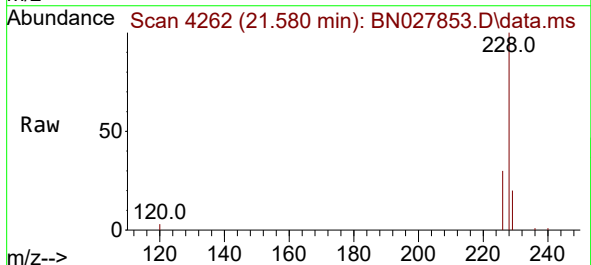
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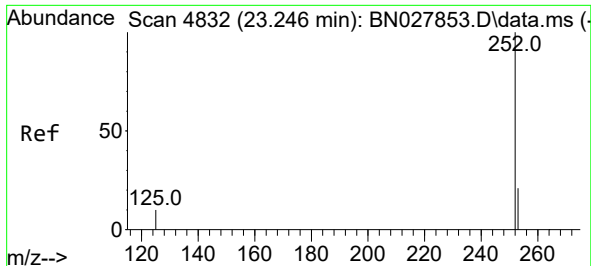
Tgt Ion:228 Resp: 27498
Ion Ratio Lower Upper
228 100
229 19.6 15.8 23.8
226 27.0 22.0 33.0



#22
Chrysene
Concen: 0.379 ng/ul
RT: 21.580 min Scan# 4262
Delta R.T. 0.021 min
Lab File: BN027853.D
Acq: 26 Sep 2023 09:29

Tgt Ion:228 Resp: 27355
Ion Ratio Lower Upper
228 100
226 29.9 24.5 36.7
229 19.7 16.0 24.0

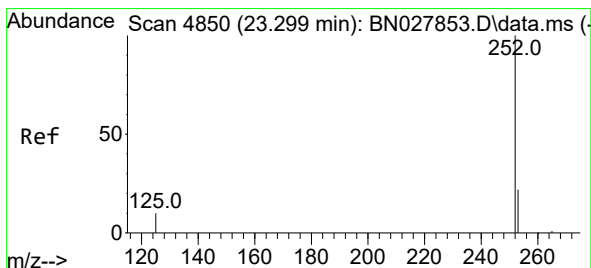
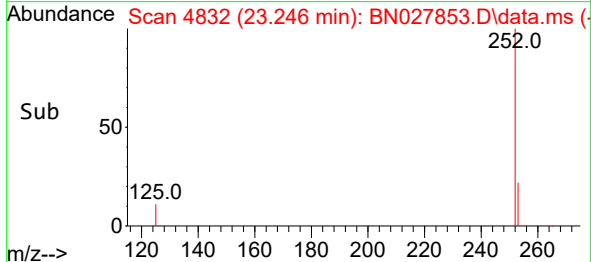
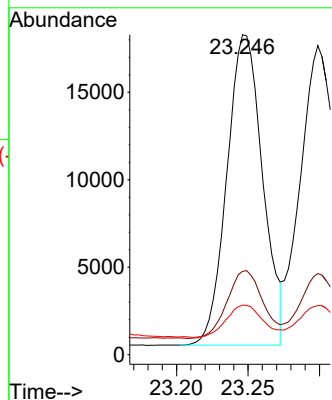
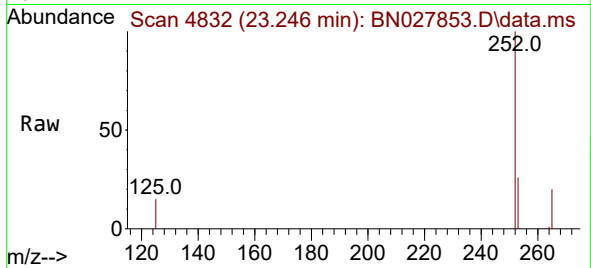




#24
Benzo(b)fluoranthene
Concen: 0.335 ng/ul
RT: 23.246 min Scan# 4832
Delta R.T. 0.006 min
Lab File: BN027853.D
Acq: 26 Sep 2023 09:29

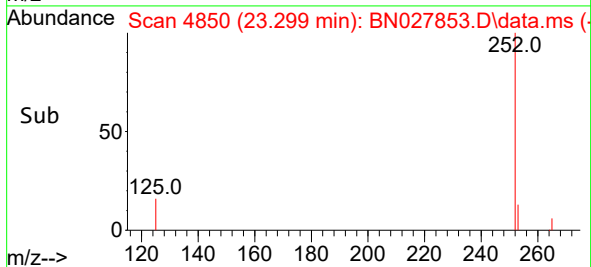
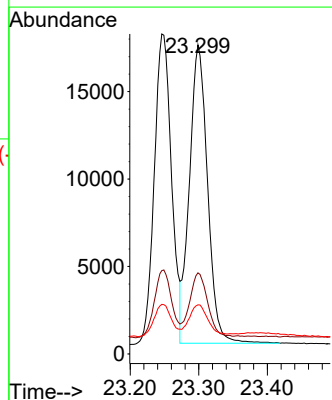
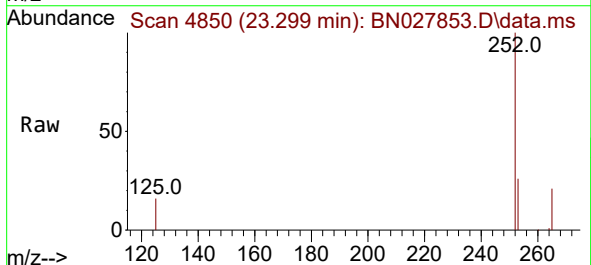
Instrument :
BNA_N
ClientSampleId :
SSTD0.4272

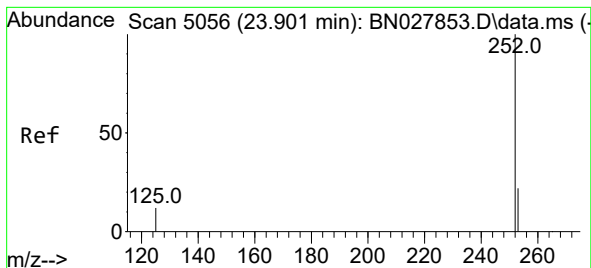
Tgt Ion:252 Resp: 30874
Ion Ratio Lower Upper
252 100
253 26.1 0.0 50.2
125 15.5 0.0 31.4



#25
Benzo(k)fluoranthene
Concen: 0.350 ng/ul
RT: 23.299 min Scan# 4850
Delta R.T. 0.006 min
Lab File: BN027853.D
Acq: 26 Sep 2023 09:29

Tgt Ion:252 Resp: 31280
Ion Ratio Lower Upper
252 100
253 26.2 19.9 29.9
125 15.9 12.6 19.0





#26

Benzo(a)pyrene

Concen: 0.366 ng/ul

RT: 23.901 min Scan# 5056

Delta R.T. 0.001 min

Lab File: BN027853.D

Acq: 26 Sep 2023 09:29

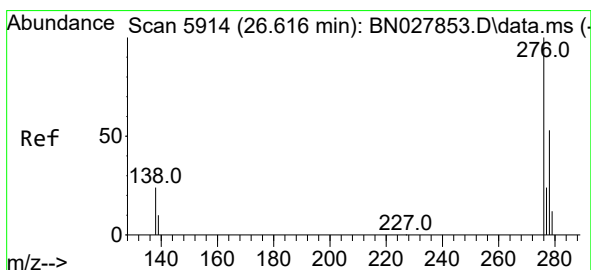
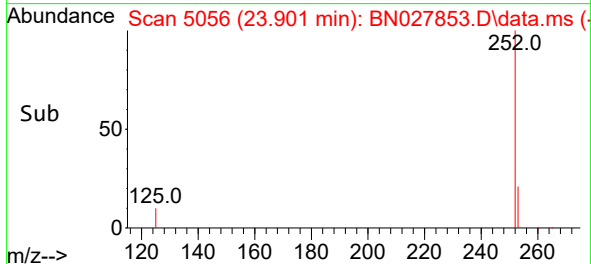
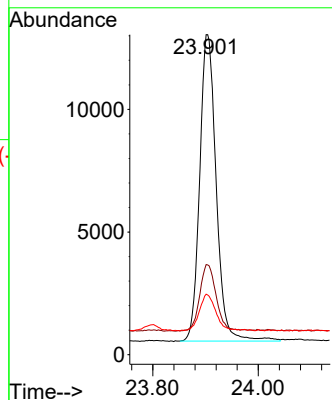
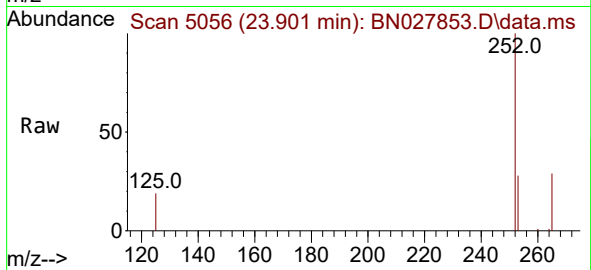
Instrument :

BNA_N

ClientSampleId :

SSTD0.4272

Tgt Ion:252	Resp:	27156
Ion Ratio	Lower	Upper
252	100	
253	28.2	21.9 32.9
125	18.9	15.5 23.3



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.427 ng/ul

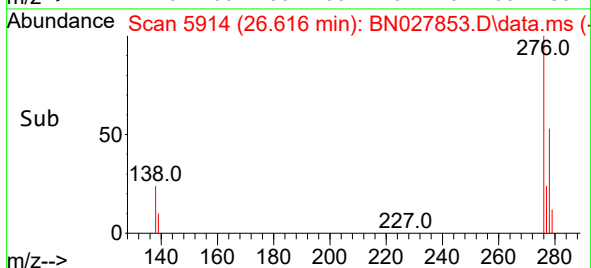
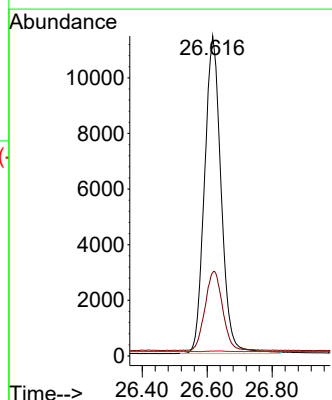
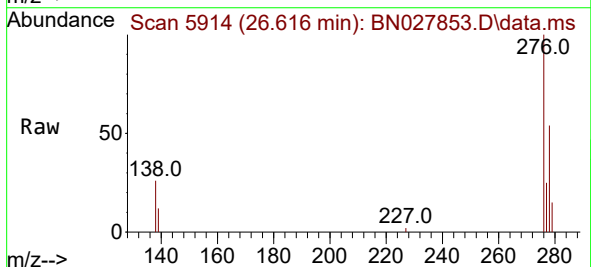
RT: 26.616 min Scan# 5914

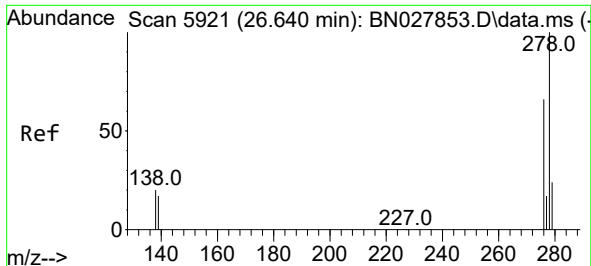
Delta R.T. -0.016 min

Lab File: BN027853.D

Acq: 26 Sep 2023 09:29

Tgt Ion:276	Resp:	40581
Ion Ratio	Lower	Upper
276	100	
138	26.4	24.3 36.5
227	0.0	0.0 0.0

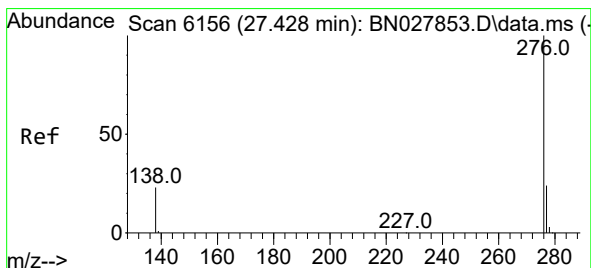
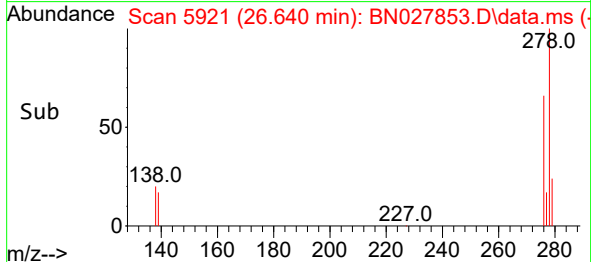
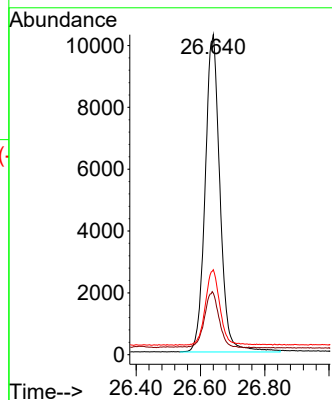
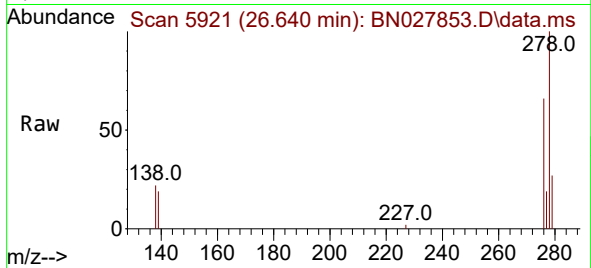




#28
Dibenzo(a,h)anthracene
Concen: 0.429 ng/ul
RT: 26.640 min Scan# 5921
Delta R.T. -0.016 min
Lab File: BN027853.D
Acq: 26 Sep 2023 09:29

Instrument :
BNA_N
ClientSampleId :
SSTD0.4272

Tgt Ion:278 Resp: 32851
Ion Ratio Lower Upper
278 100
139 19.2 17.2 25.8
279 26.6 21.4 32.0



#29
Benzo(g,h,i)perylene
Concen: 0.424 ng/ul
RT: 27.428 min Scan# 6156
Delta R.T. -0.026 min
Lab File: BN027853.D
Acq: 26 Sep 2023 09:29

Tgt Ion:276 Resp: 34249
Ion Ratio Lower Upper
276 100
138 24.8 21.7 32.5
277 24.9 20.2 30.2

