

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
 Data File : BN027063.D
 Acq On : 23 Aug 2023 16:00
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 84 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Aug 24 01:38:36 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 23 02:28:27 2023
 Response via : Initial Calibration

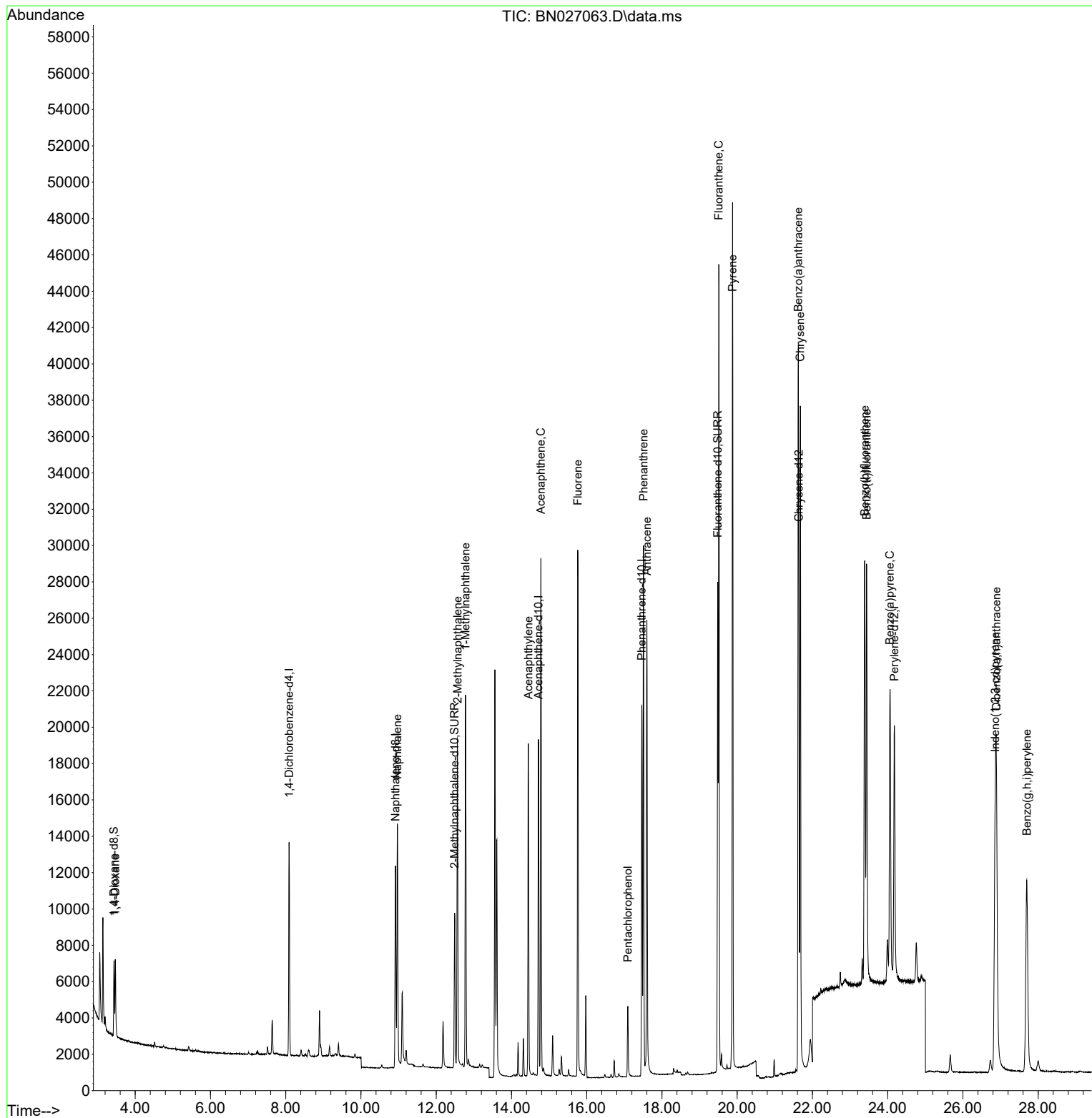
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.089	152	5841	0.400	ng/ul	0.00
4) Naphthalene-d8	10.916	136	16568	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.721	164	10634	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.464	188	24791	0.400	ng/ul	0.00
17) Chrysene-d12	21.638	240	20856	0.400	ng/ul	0.00
23) Perylene-d12	24.176	264	21025	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.435	96	2900	0.418	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.489	152	11340	0.465	ng/ul	0.00
18) Fluoranthene-d10	19.483	212	29558	0.449	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.473	88	3163	0.447	ng/ul#	84
5) Naphthalene	10.966	128	19304	0.412	ng/ul	99
7) 2-Methylnaphthalene	12.566	142	13317	0.470	ng/ul	100
8) 1-Methylnaphthalene	12.781	142	14026	0.473	ng/ul	100
10) Acenaphthylene	14.448	152	21447	0.360	ng/ul	100
11) Acenaphthene	14.781	153	16446	0.399	ng/ul	99
12) Fluorene	15.762	166	18988	0.407	ng/ul	99
14) Pentachlorophenol	17.092	266	2745	0.391	ng/ul	100
15) Phenanthrene	17.510	178	32144	0.395	ng/ul	100
16) Anthracene	17.599	178	28817	0.392	ng/ul	100
19) Fluoranthene	19.511	202	38220	0.441	ng/ul	97
20) Pyrene	19.878	202	39900	0.432	ng/ul	99
21) Benzo(a)anthracene	21.621	228	33900	0.409	ng/ul	100
22) Chrysene	21.676	228	34266	0.419	ng/ul	100
24) Benzo(b)fluoranthene	23.389	252	34595	0.435	ng/ul	96
25) Benzo(k)fluoranthene	23.439	252	34240	0.437	ng/ul#	95
26) Benzo(a)pyrene	24.062	252	28965	0.404	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.854	276	33474	0.357	ng/ul#	48
28) Dibenzo(a,h)anthracene	26.888	278	26525	0.355	ng/ul	97
29) Benzo(g,h,i)perylene	27.696	276	27538	0.352	ng/ul	98

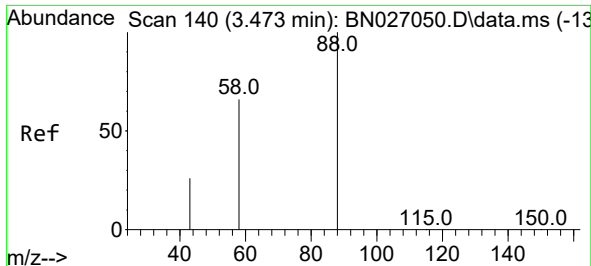
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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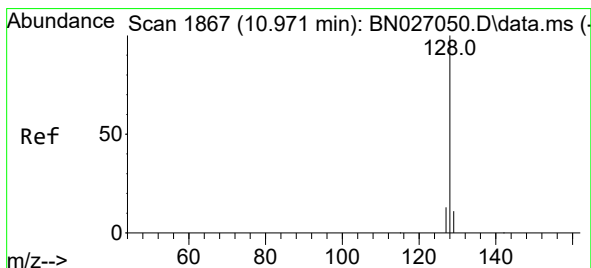
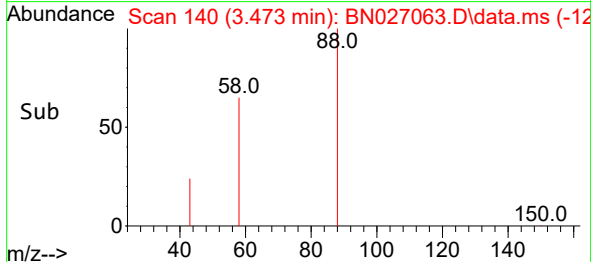
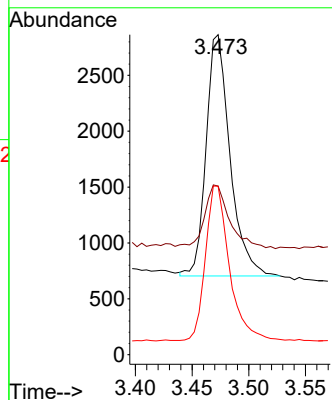
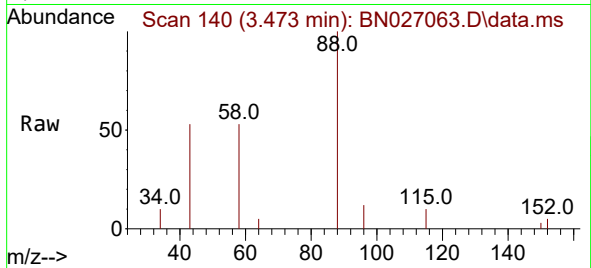




#2
1,4-Dioxane
Concen: 0.447 ng/ul
RT: 3.473 min Scan# 140
Delta R.T. -0.004 min
Lab File: BN027063.D
Acq: 23 Aug 2023 16:00

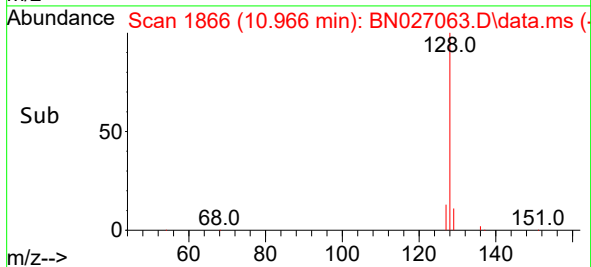
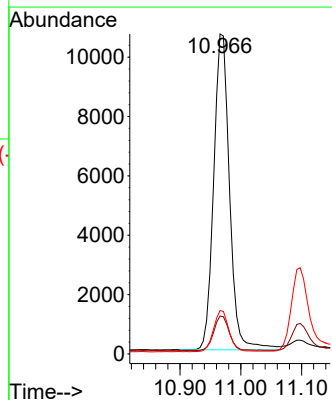
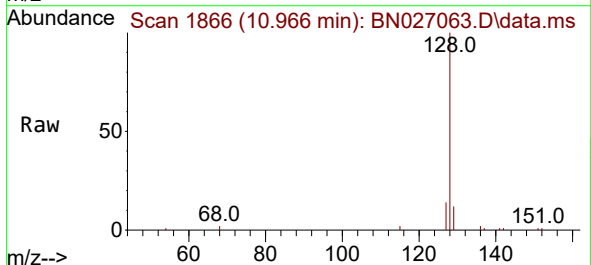
Instrument :
BNA_P
ClientSampleId :

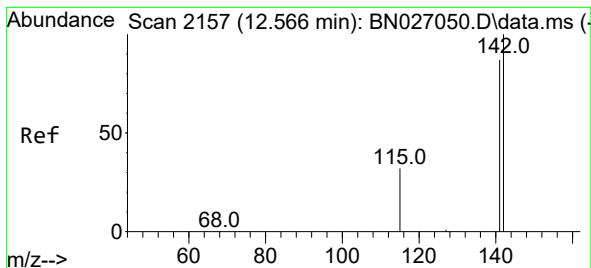
Tgt Ion: 88 Resp: 3163
Ion Ratio Lower Upper
88 100
43 52.7 28.0 42.0#
58 52.7 46.0 69.0



#5
Naphthalene
Concen: 0.412 ng/ul
RT: 10.966 min Scan# 1866
Delta R.T. -0.006 min
Lab File: BN027063.D
Acq: 23 Aug 2023 16:00

Tgt Ion:128 Resp: 19304
Ion Ratio Lower Upper
128 100
129 11.9 9.2 13.8
127 13.5 10.5 15.7

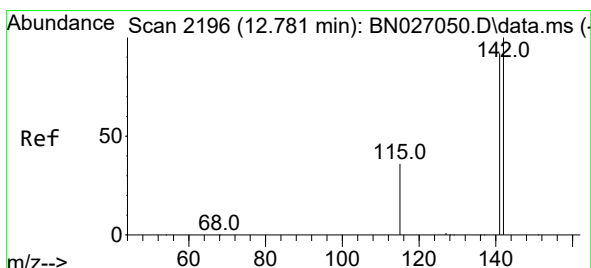
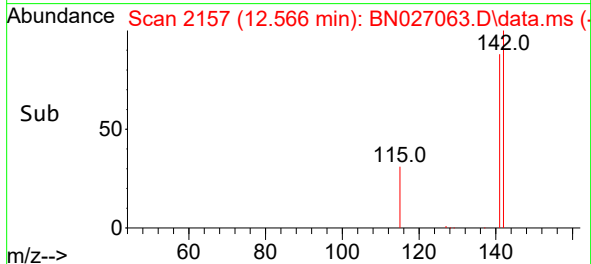
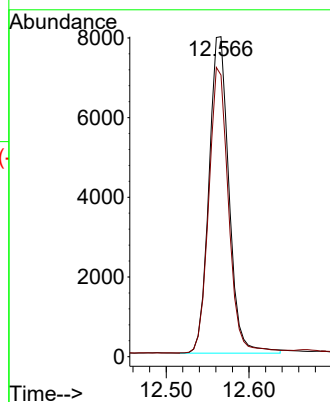
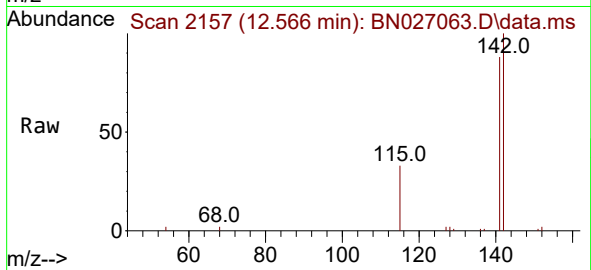




#7
2-Methylnaphthalene
Concen: 0.470 ng/ul
RT: 12.566 min Scan# 2157
Delta R.T. -0.000 min
Lab File: BN027063.D
Acq: 23 Aug 2023 16:00

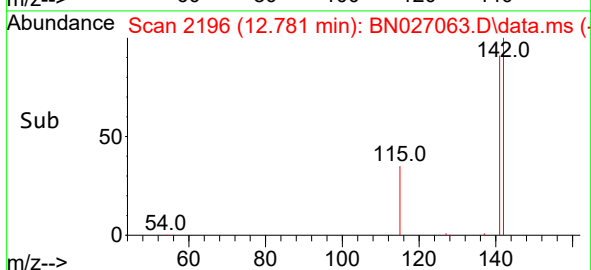
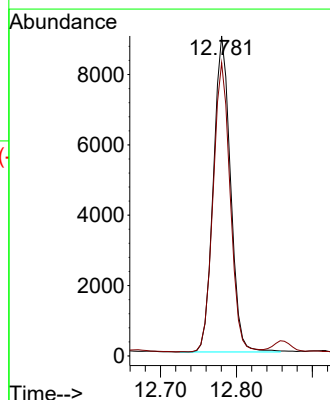
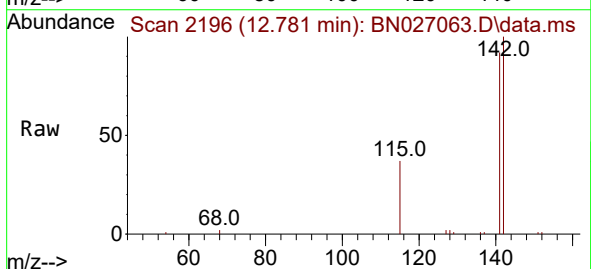
Instrument :
BNA_P
ClientSampleId :

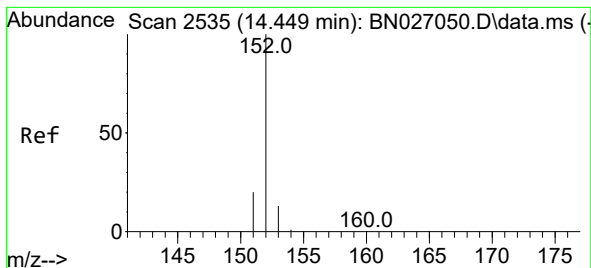
Tgt Ion:142 Resp: 13317
Ion Ratio Lower Upper
142 100
141 88.9 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.473 ng/ul
RT: 12.781 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BN027063.D
Acq: 23 Aug 2023 16:00

Tgt Ion:142 Resp: 14026
Ion Ratio Lower Upper
142 100
141 91.2 73.2 109.8





#10

Acenaphthylene

Concen: 0.360 ng/ul

RT: 14.448 min Scan# 21447

Delta R.T. -0.005 min

Lab File: BN027063.D

Acq: 23 Aug 2023 16:00

Instrument :

BNA_P

ClientSampleId :

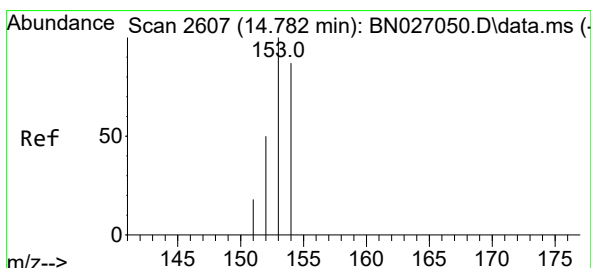
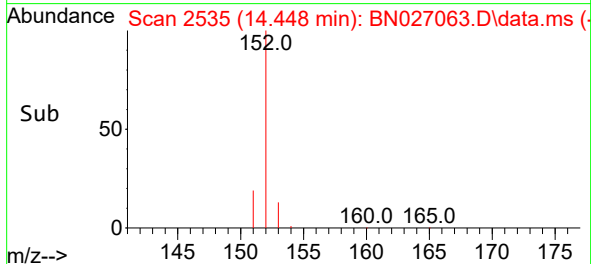
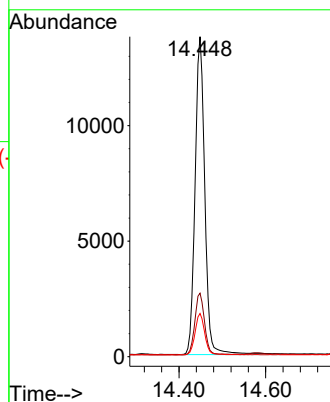
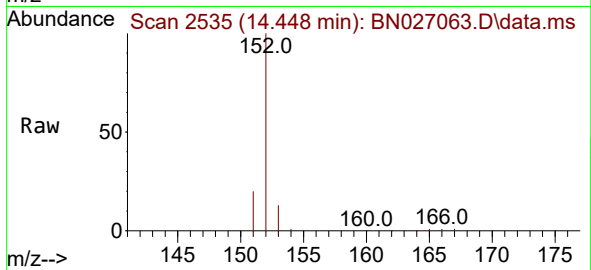
Tgt Ion:152 Resp: 21447

Ion Ratio Lower Upper

152 100

151 19.8 15.9 23.9

153 13.5 11.0 16.6



#11

Acenaphthene

Concen: 0.399 ng/ul

RT: 14.781 min Scan# 2607

Delta R.T. -0.005 min

Lab File: BN027063.D

Acq: 23 Aug 2023 16:00

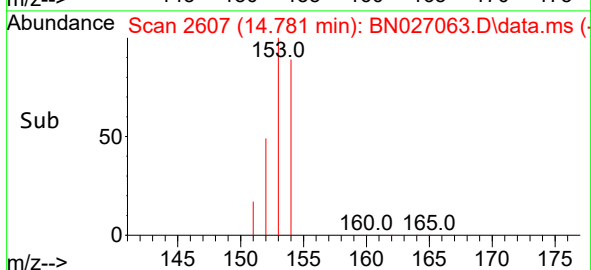
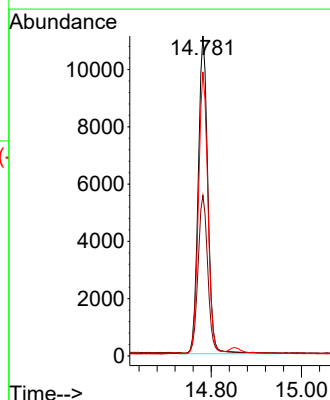
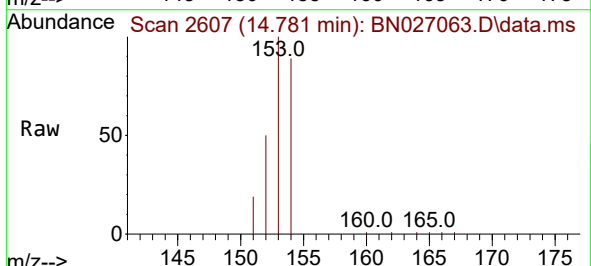
Tgt Ion:153 Resp: 16446

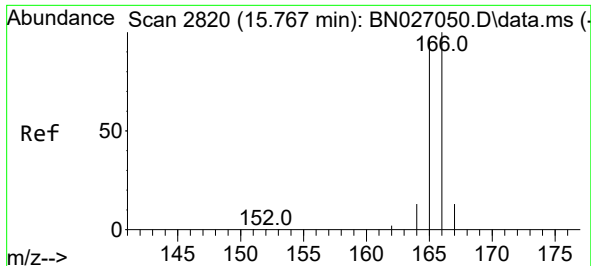
Ion Ratio Lower Upper

153 100

152 50.1 41.1 61.7

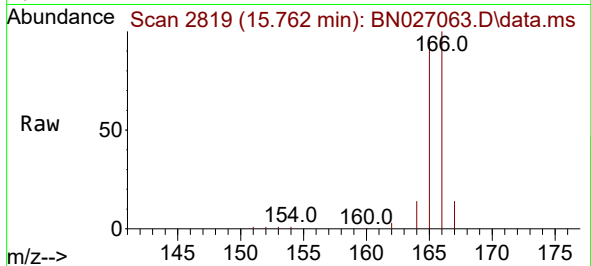
154 88.8 71.6 107.4



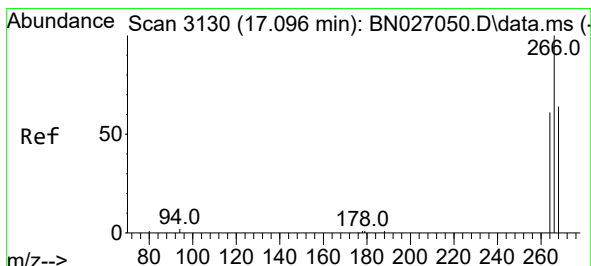
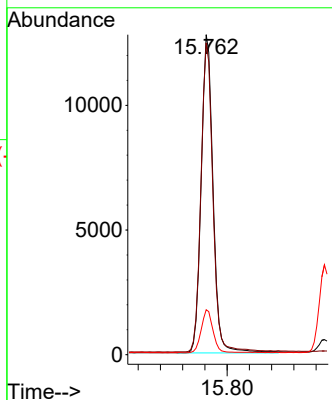
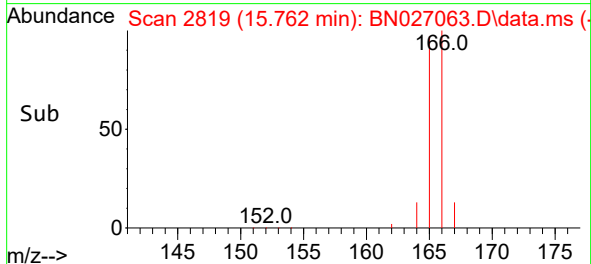


#12
Fluorene
Concen: 0.407 ng/ul
RT: 15.762 min Scan# 2819
Delta R.T. -0.005 min
Lab File: BN027063.D
Acq: 23 Aug 2023 16:00

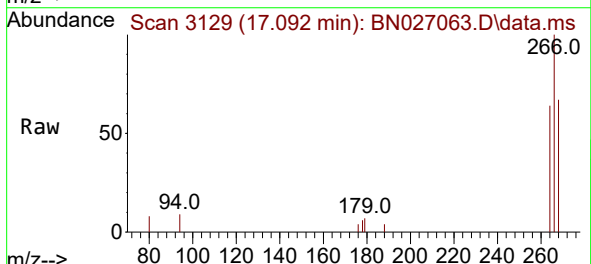
Instrument :
BNA_P
ClientSampleId :



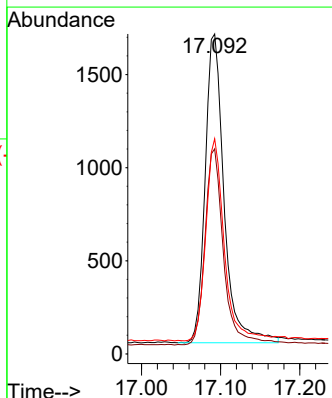
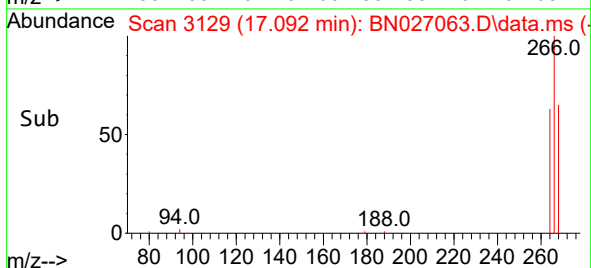
Tgt Ion:166 Resp: 18988
Ion Ratio Lower Upper
166 100
165 97.5 79.1 118.7
167 14.1 11.4 17.0

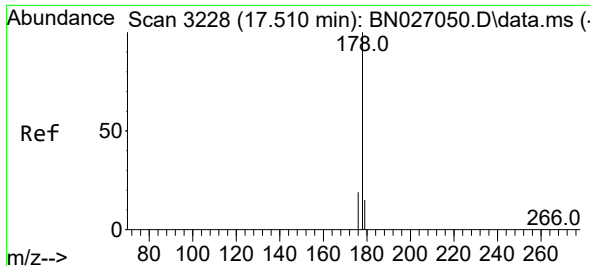


#14
Pentachlorophenol
Concen: 0.391 ng/ul
RT: 17.092 min Scan# 3129
Delta R.T. -0.004 min
Lab File: BN027063.D
Acq: 23 Aug 2023 16:00



Tgt Ion:266 Resp: 2745
Ion Ratio Lower Upper
266 100
264 62.9 50.4 75.6
268 64.1 51.2 76.8

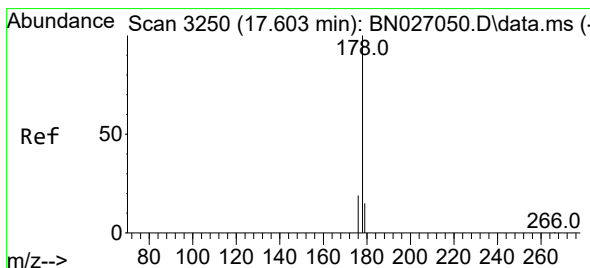
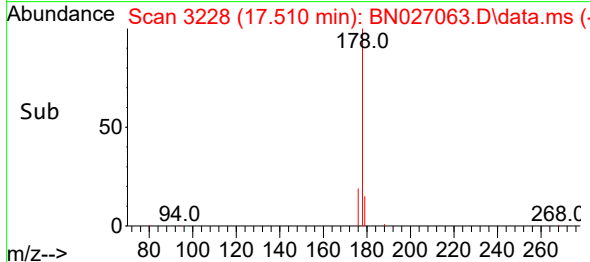
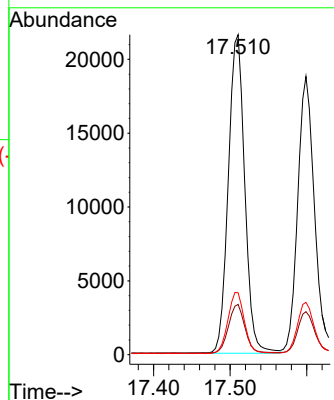
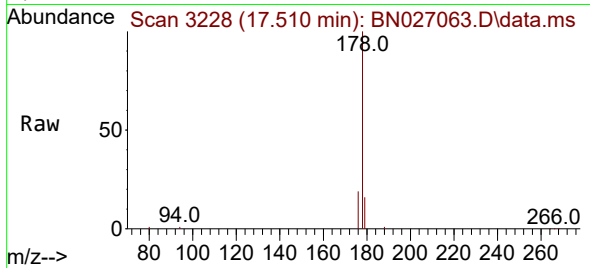




#15
Phenanthrene
Concen: 0.395 ng/ul
RT: 17.510 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN027063.D
Acq: 23 Aug 2023 16:00

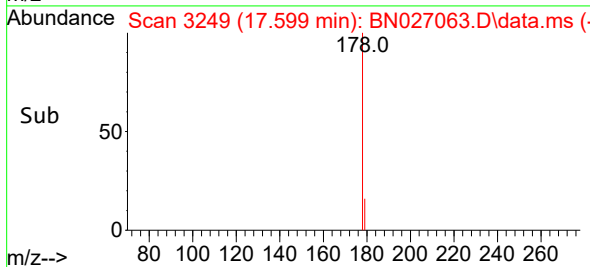
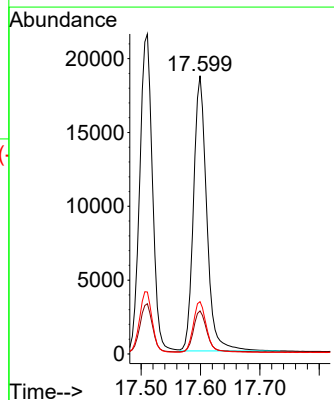
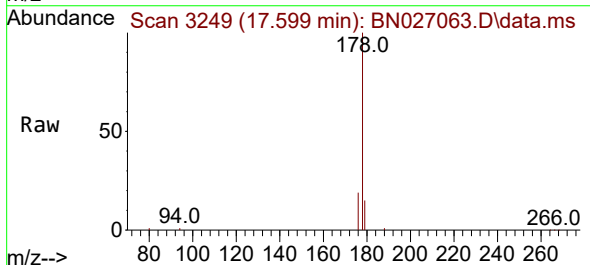
Instrument :
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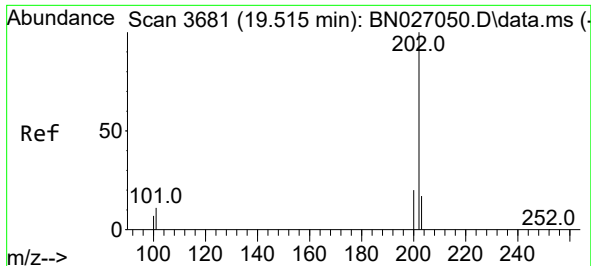
Tgt Ion:178 Resp: 32144
Ion Ratio Lower Upper
178 100
179 15.7 12.6 18.8
176 19.4 15.4 23.2



#16
Anthracene
Concen: 0.392 ng/ul
RT: 17.599 min Scan# 3249
Delta R.T. -0.004 min
Lab File: BN027063.D
Acq: 23 Aug 2023 16:00

Tgt Ion:178 Resp: 28817
Ion Ratio Lower Upper
178 100
179 15.5 12.6 19.0
176 18.8 15.0 22.6

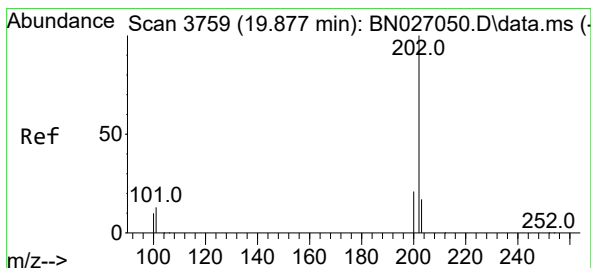
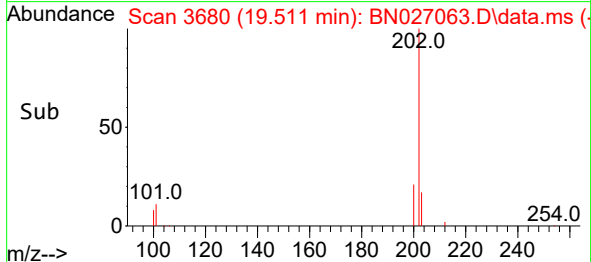
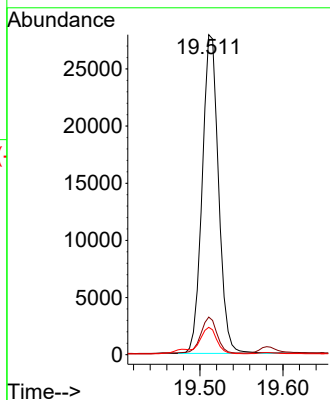
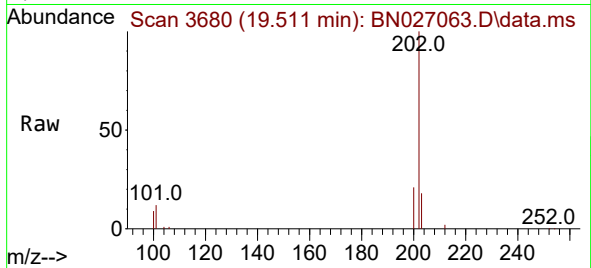




#19
Fluoranthene
Concen: 0.441 ng/ul
RT: 19.511 min Scan# 3680
Delta R.T. -0.005 min
Lab File: BN027063.D
Acq: 23 Aug 2023 16:00

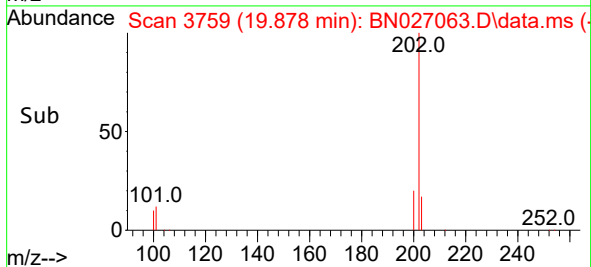
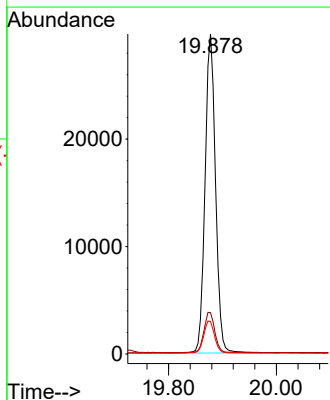
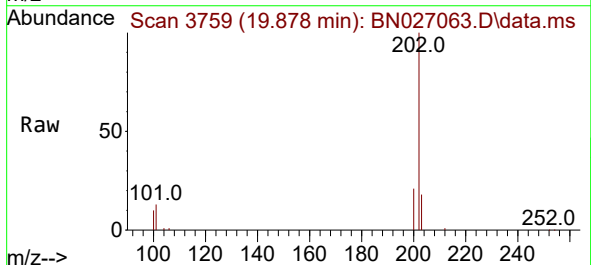
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BNA_P
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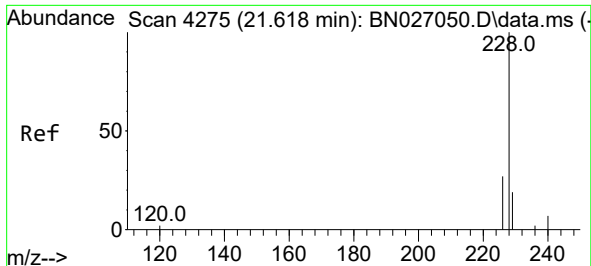
Tgt Ion:202 Resp: 38220
Ion Ratio Lower Upper
202 100
101 11.7 8.3 12.5
100 8.5 6.2 9.2



#20
Pyrene
Concen: 0.432 ng/ul
RT: 19.878 min Scan# 3759
Delta R.T. -0.005 min
Lab File: BN027063.D
Acq: 23 Aug 2023 16:00

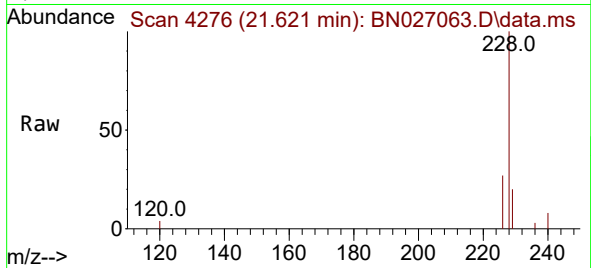
Tgt Ion:202 Resp: 39900
Ion Ratio Lower Upper
202 100
101 12.9 10.7 16.1
100 10.1 8.5 12.7



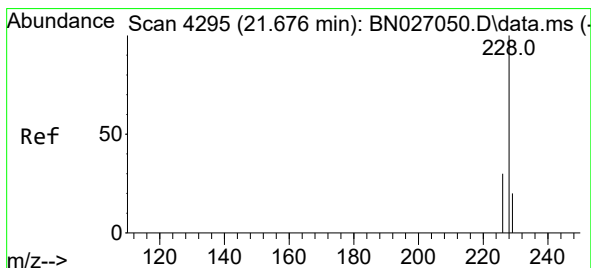
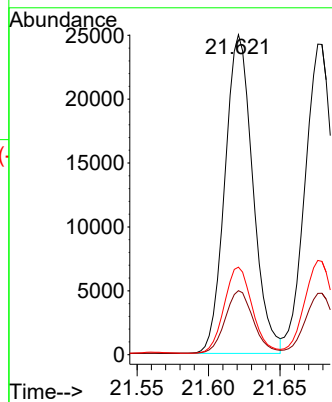
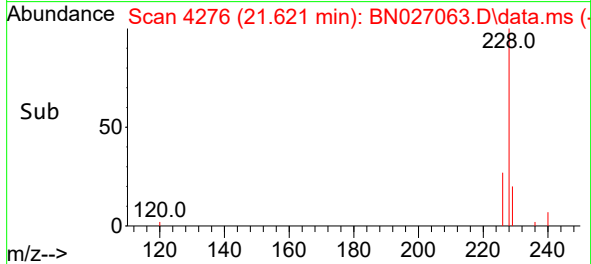


#21
Benzo(a)anthracene
Concen: 0.409 ng/ul
RT: 21.621 min Scan# 4276
Delta R.T. -0.000 min
Lab File: BN027063.D
Acq: 23 Aug 2023 16:00

Instrument :
BNA_P
ClientSampleId :

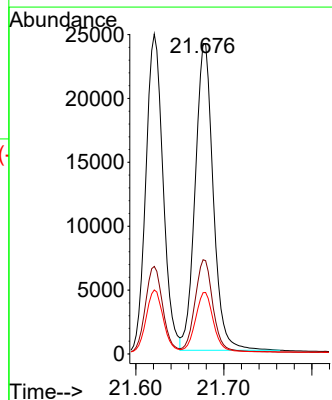
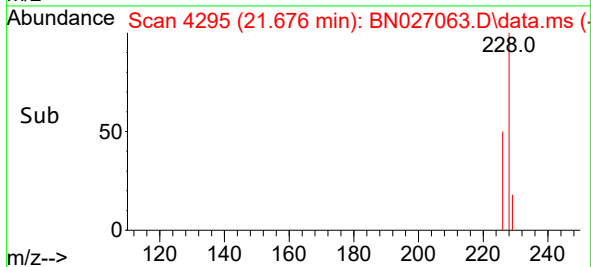
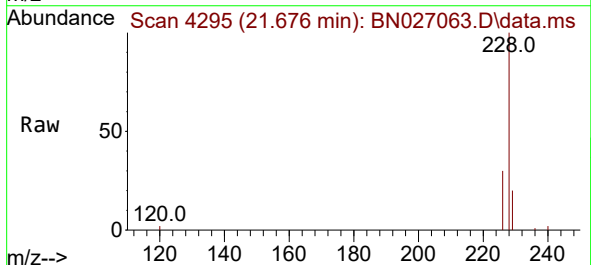


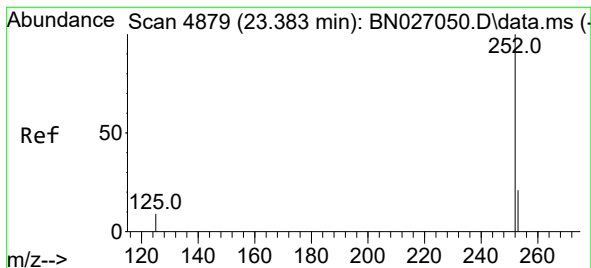
Tgt Ion:228 Resp: 33900
Ion Ratio Lower Upper
228 100
229 20.0 16.0 24.0
226 27.4 22.2 33.2



#22
Chrysene
Concen: 0.419 ng/ul
RT: 21.676 min Scan# 4295
Delta R.T. -0.000 min
Lab File: BN027063.D
Acq: 23 Aug 2023 16:00

Tgt Ion:228 Resp: 34266
Ion Ratio Lower Upper
228 100
226 30.4 24.6 36.8
229 19.7 15.8 23.6





#24

Benzo(b)fluoranthene

Concen: 0.435 ng/ul

RT: 23.389 min Scan# 4879

Delta R.T. 0.003 min

Lab File: BN027063.D

Acq: 23 Aug 2023 16:00

Instrument :

BNA_P

ClientSampleId :

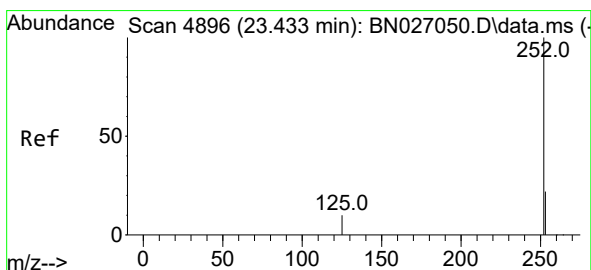
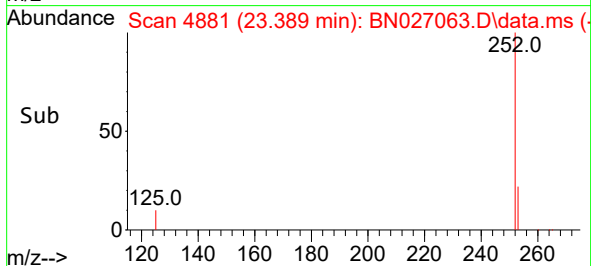
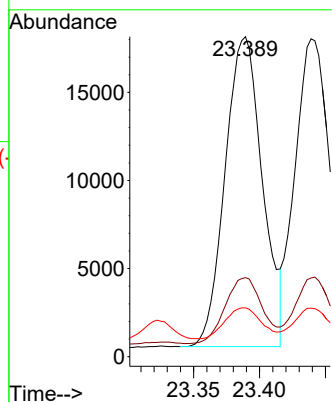
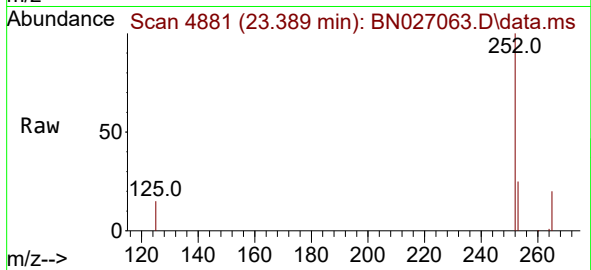
Tgt Ion:252 Resp: 34595

Ion Ratio Lower Upper

252 100

253 24.7 0.0 46.8

125 15.2 0.0 25.2



#25

Benzo(k)fluoranthene

Concen: 0.437 ng/ul

RT: 23.439 min Scan# 4898

Delta R.T. -0.000 min

Lab File: BN027063.D

Acq: 23 Aug 2023 16:00

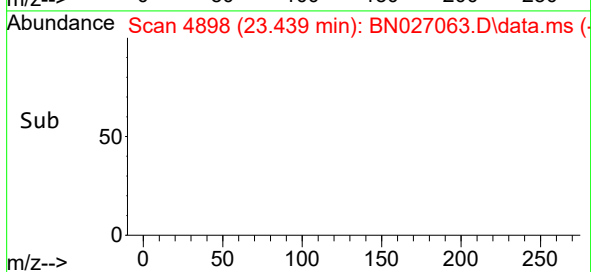
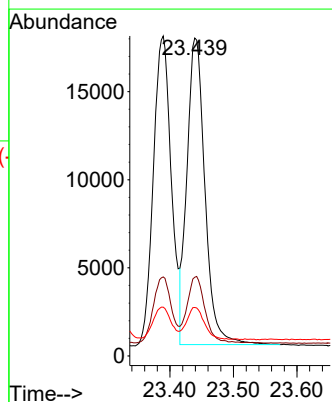
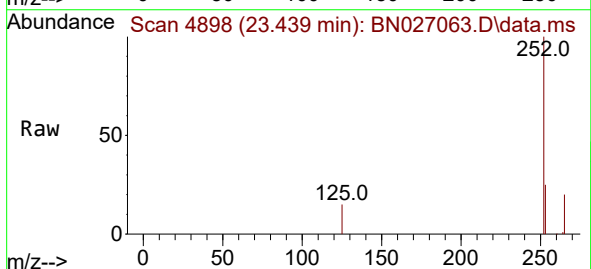
Tgt Ion:252 Resp: 34240

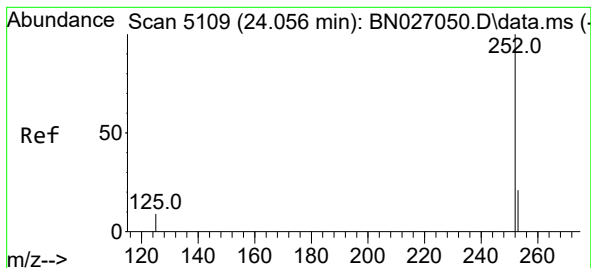
Ion Ratio Lower Upper

252 100

253 24.8 18.2 27.4

125 15.2 9.9 14.9#





#26

Benzo(a)pyrene

Concen: 0.404 ng/ul

RT: 24.062 min Scan# 51

Delta R.T. -0.000 min

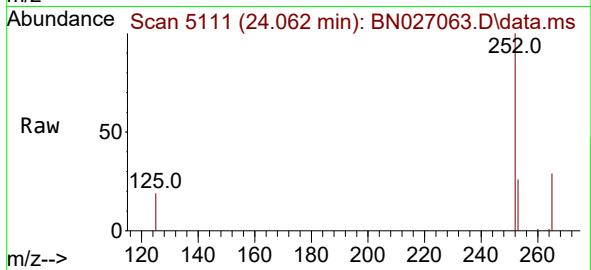
Lab File: BN027063.D

Acq: 23 Aug 2023 16:00

Instrument :

BNA_P

ClientSampleId :



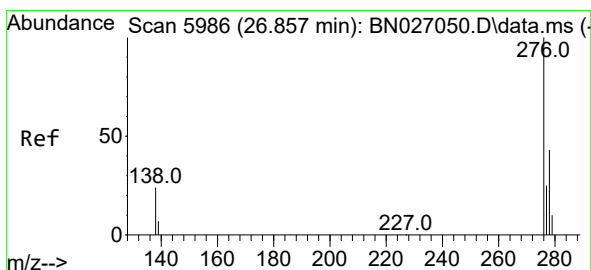
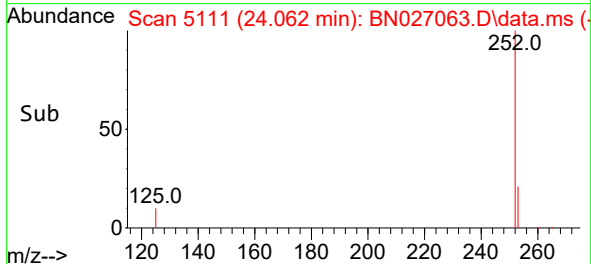
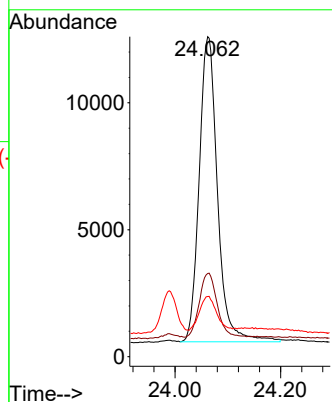
Tgt Ion:252 Resp: 28965

Ion Ratio Lower Upper

252 100

253 26.0 19.0 28.6

125 18.8 11.4 17.0#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.357 ng/ul

RT: 26.854 min Scan# 5985

Delta R.T. 0.000 min

Lab File: BN027063.D

Acq: 23 Aug 2023 16:00

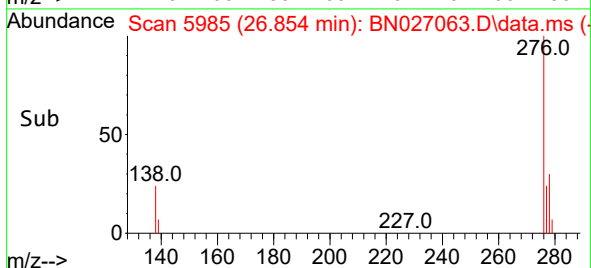
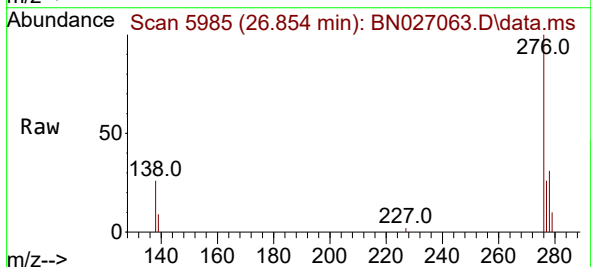
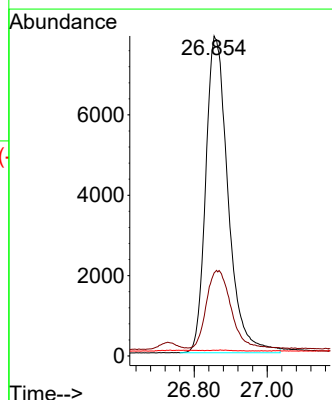
Tgt Ion:276 Resp: 33474

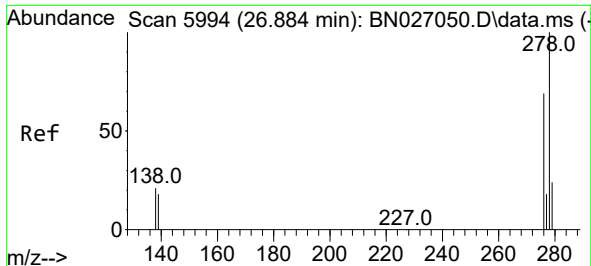
Ion Ratio Lower Upper

276 100

138 0.0 21.6 32.4#

227 0.0 0.0 0.0#

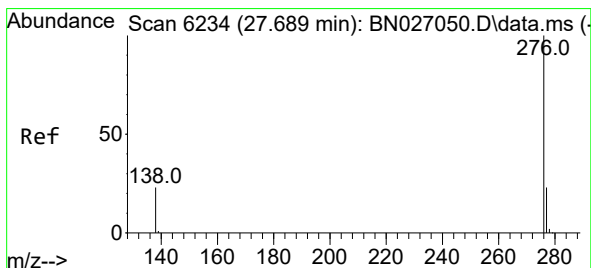
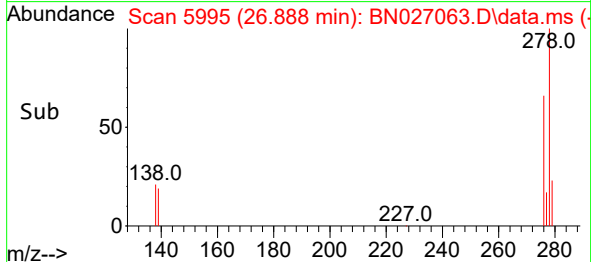
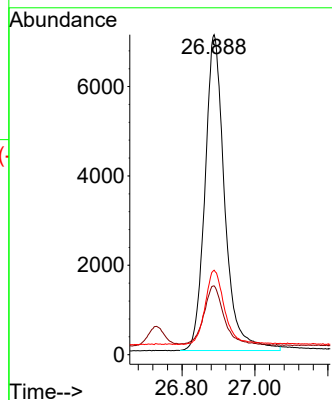
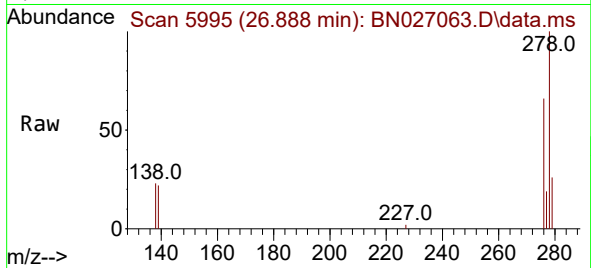




#28
Dibenzo(a,h)anthracene
Concen: 0.355 ng/ul
RT: 26.888 min Scan# 5995
Delta R.T. 0.004 min
Lab File: BN027063.D
Acq: 23 Aug 2023 16:00

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:278 Resp: 26525
Ion Ratio Lower Upper
278 100
139 21.5 15.7 23.5
279 26.4 20.2 30.4



#29
Benzo(g,h,i)perylene
Concen: 0.352 ng/ul
RT: 27.696 min Scan# 6236
Delta R.T. 0.000 min
Lab File: BN027063.D
Acq: 23 Aug 2023 16:00

Tgt Ion:276 Resp: 27538
Ion Ratio Lower Upper
276 100
138 25.6 19.3 28.9
277 25.1 19.8 29.8

