

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
 Data File : BN027061.D
 Acq On : 23 Aug 2023 13:07
 Operator : MA/JU
 Sample : PB154954BS
 Misc :
 ALS Vial : 82 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS954

Quant Time: Aug 24 01:38:14 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

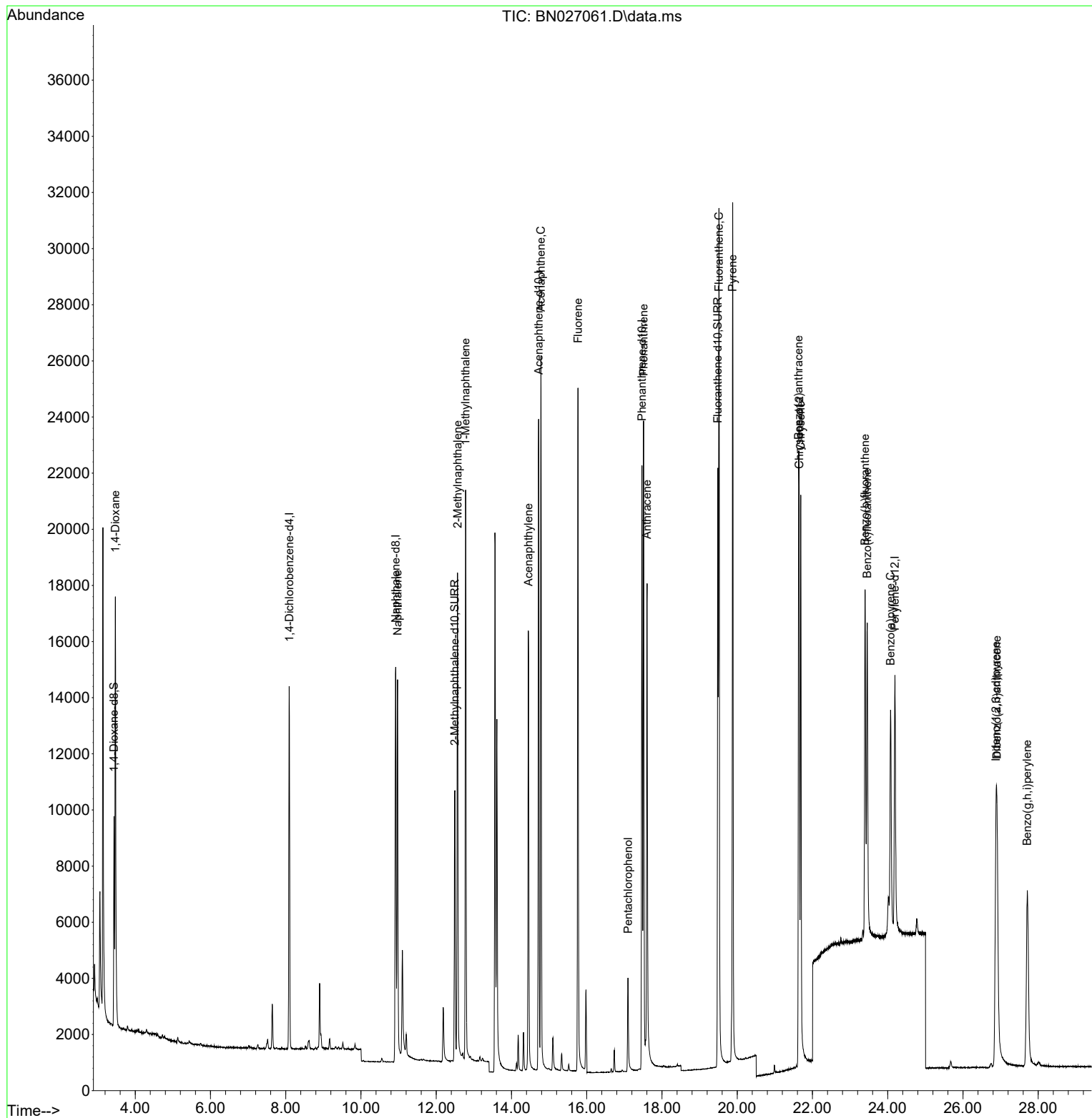
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	6636	0.400	ng/ul	0.00
4) Naphthalene-d8	10.922	136	21855	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.721	164	13266	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.468	188	27255	0.400	ng/ul	0.00
17) Chrysene-d12	21.647	240	15993	0.400	ng/ul	# 0.00
23) Perylene-d12	24.190	264	14136	0.400	ng/ul	# 0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.435	96	5355	0.680	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.495	152	13703	0.426	ng/ul	0.00
18) Fluoranthene-d10	19.483	212	26026	0.515	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.473	88	11618	1.444	ng/ul#	93
5) Naphthalene	10.971	128	19167	0.310	ng/ul	99
7) 2-Methylnaphthalene	12.566	142	12979	0.347	ng/ul	100
8) 1-Methylnaphthalene	12.781	142	14329	0.366	ng/ul	100
10) Acenaphthylene	14.448	152	18829	0.253	ng/ul	99
11) Acenaphthene	14.781	153	15175	0.295	ng/ul	99
12) Fluorene	15.767	166	16558	0.285	ng/ul	99
14) Pentachlorophenol	17.097	266	2617	0.339	ng/ul	99
15) Phenanthrene	17.510	178	25808	0.288	ng/ul	99
16) Anthracene	17.603	178	21425	0.265	ng/ul	99
19) Fluoranthene	19.515	202	27359	0.412	ng/ul	97
20) Pyrene	19.878	202	27594	0.389	ng/ul	99
21) Benzo(a)anthracene	21.630	228	18845	0.296	ng/ul	99
22) Chrysene	21.688	228	19917	0.317	ng/ul	100
24) Benzo(b)fluoranthene	23.398	252	18601	0.348	ng/ul	90
25) Benzo(k)fluoranthene	23.457	252	18495	0.351	ng/ul#	89
26) Benzo(a)pyrene	24.076	252	15149	0.314	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.878	276	19194	0.304	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.904	278	14841	0.295	ng/ul	94
29) Benzo(g,h,i)perylene	27.709	276	16952	0.323	ng/ul	97

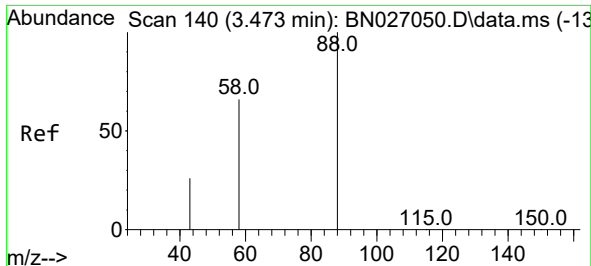
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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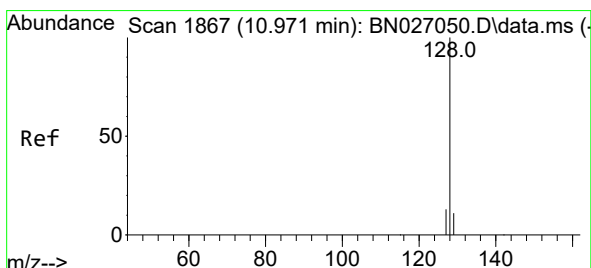
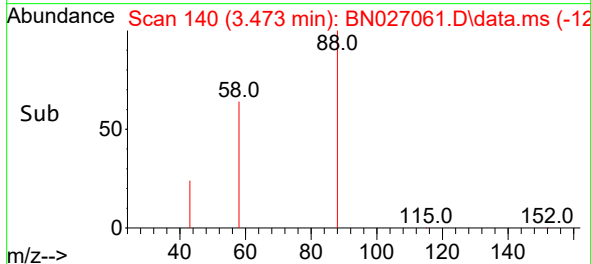
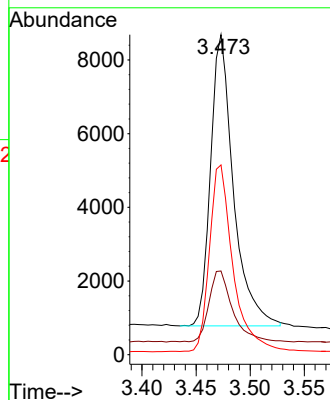
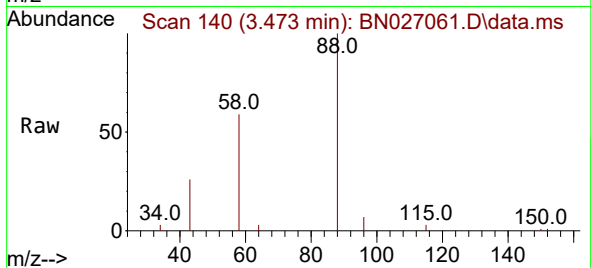




#2
1,4-Dioxane
Concen: 1.444 ng/ul
RT: 3.473 min Scan# 140
Delta R.T. -0.004 min
Lab File: BN027061.D
Acq: 23 Aug 2023 13:07

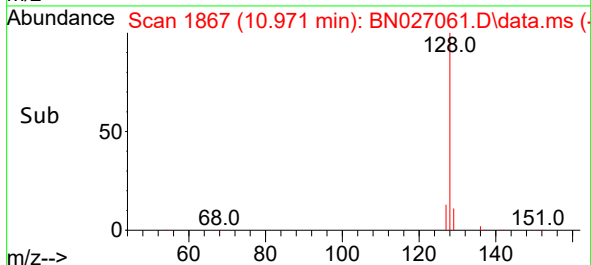
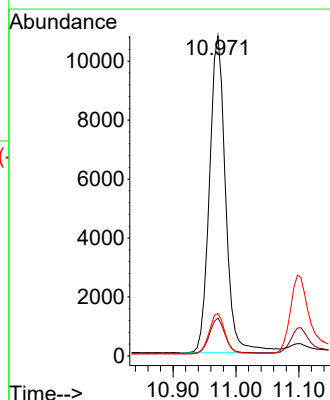
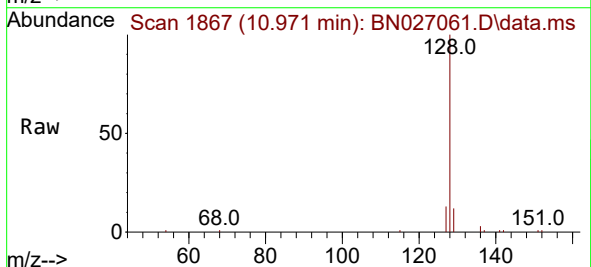
Instrument :
BNA_N
ClientSampleId :
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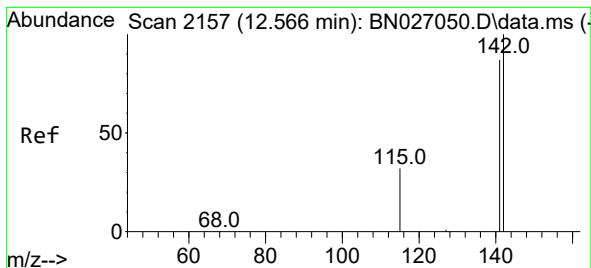
Tgt Ion: 88 Resp: 11618
Ion Ratio Lower Upper
88 100
43 26.2 28.0 42.0#
58 59.3 46.0 69.0



#5
Naphthalene
Concen: 0.310 ng/ul
RT: 10.971 min Scan# 1867
Delta R.T. -0.000 min
Lab File: BN027061.D
Acq: 23 Aug 2023 13:07

Tgt Ion:128 Resp: 19167
Ion Ratio Lower Upper
128 100
129 11.8 9.2 13.8
127 13.2 10.5 15.7

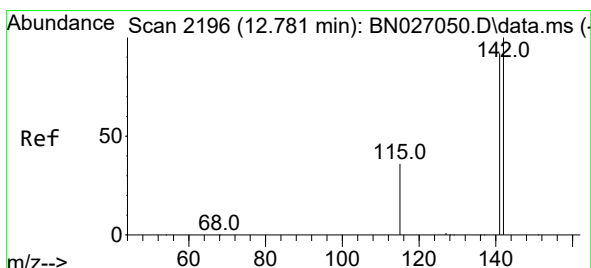
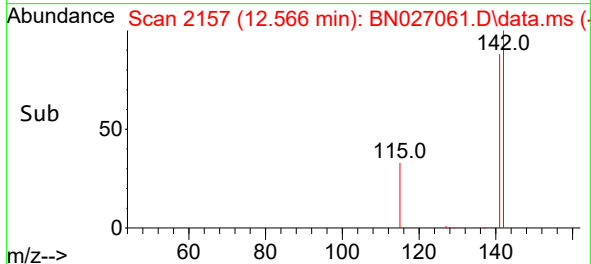
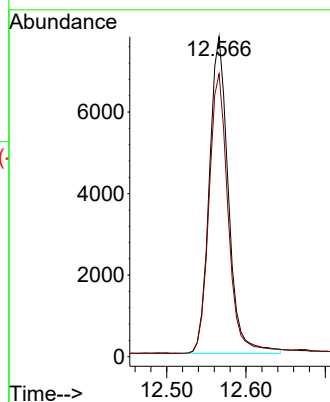
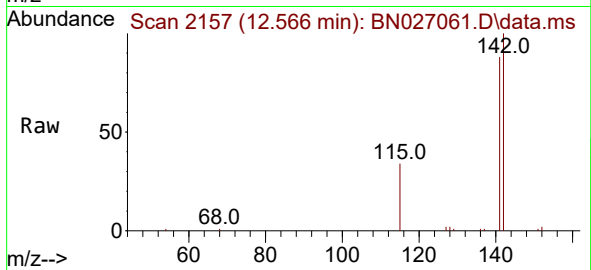




#7
2-Methylnaphthalene
Concen: 0.347 ng/ul
RT: 12.566 min Scan# 2157
Delta R.T. -0.000 min
Lab File: BN027061.D
Acq: 23 Aug 2023 13:07

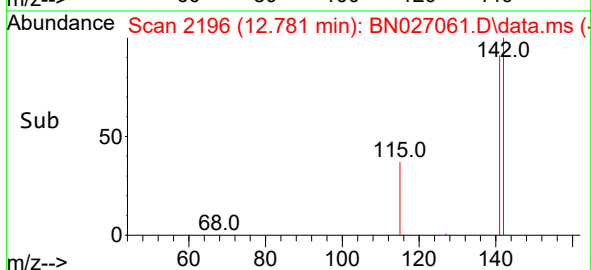
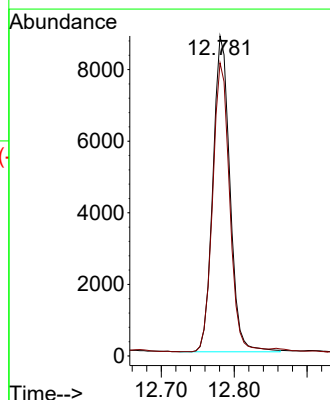
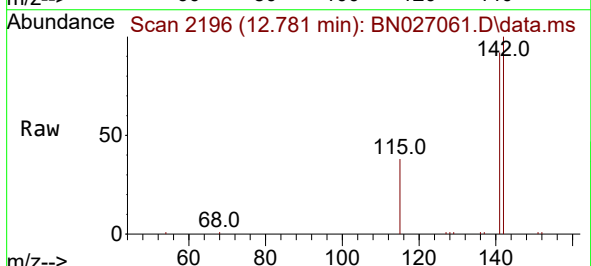
Instrument :
BNA_N
ClientSampleId :
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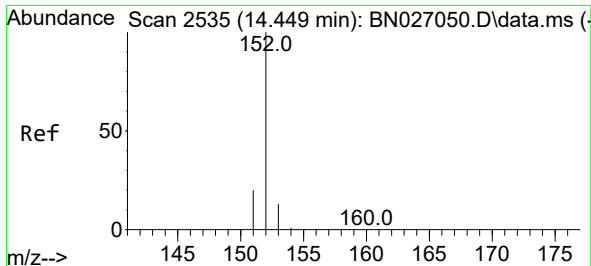
Tgt Ion:142 Resp: 12979
Ion Ratio Lower Upper
142 100
141 88.7 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.366 ng/ul
RT: 12.781 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BN027061.D
Acq: 23 Aug 2023 13:07

Tgt Ion:142 Resp: 14329
Ion Ratio Lower Upper
142 100
141 91.9 73.2 109.8

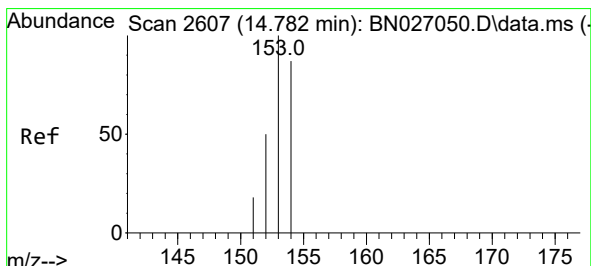
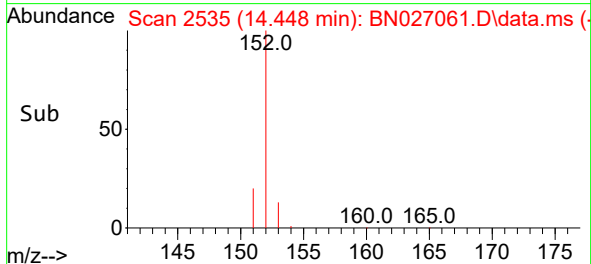
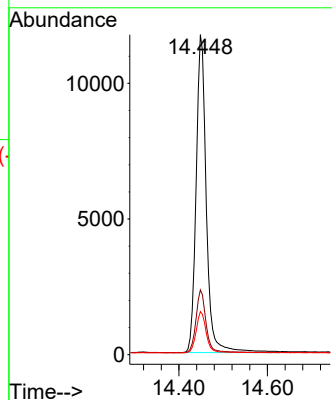
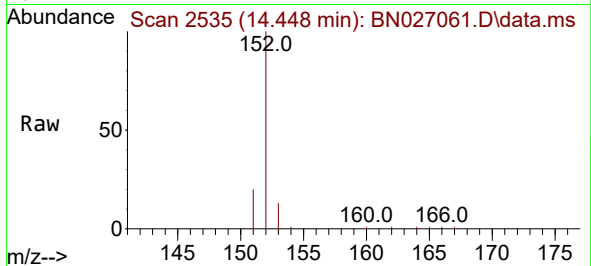




#10
Acenaphthylene
Concen: 0.253 ng/ul
RT: 14.448 min Scan# 2535
Delta R.T. -0.005 min
Lab File: BN027061.D
Acq: 23 Aug 2023 13:07

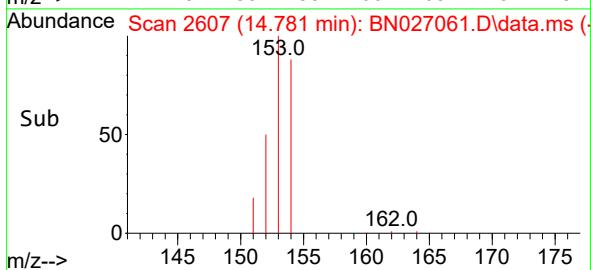
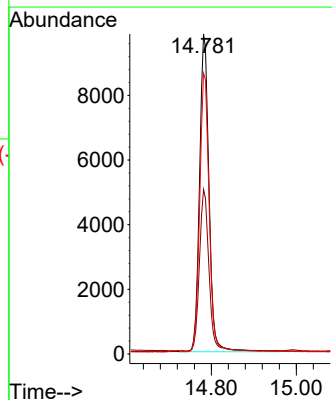
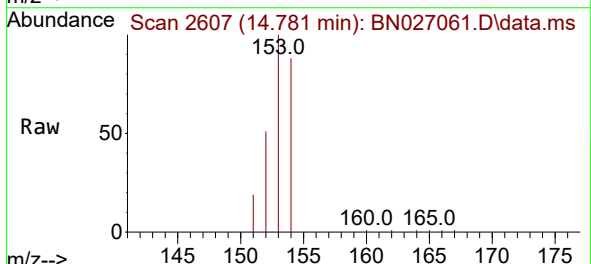
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BNA_N
ClientSampleId :
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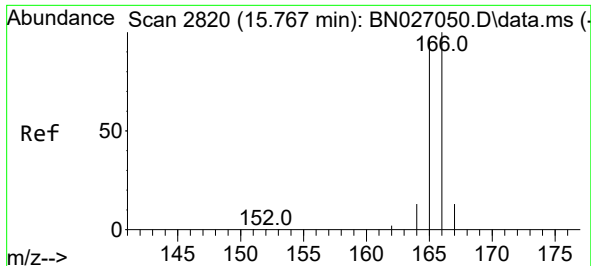
Tgt Ion:152 Resp: 18829
Ion Ratio Lower Upper
152 100
151 20.2 15.9 23.9
153 13.4 11.0 16.6



#11
Acenaphthene
Concen: 0.295 ng/ul
RT: 14.781 min Scan# 2607
Delta R.T. -0.005 min
Lab File: BN027061.D
Acq: 23 Aug 2023 13:07

Tgt Ion:153 Resp: 15175
Ion Ratio Lower Upper
153 100
152 51.4 41.1 61.7
154 87.7 71.6 107.4

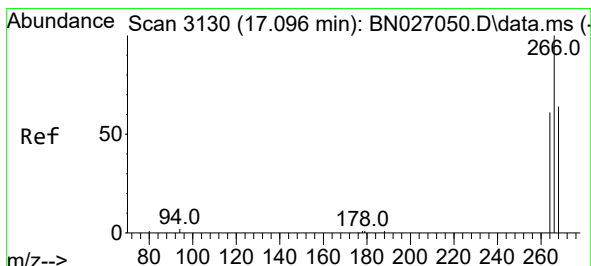
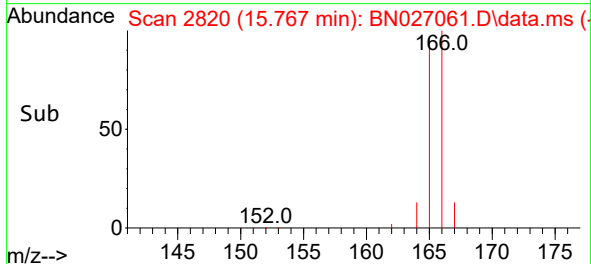
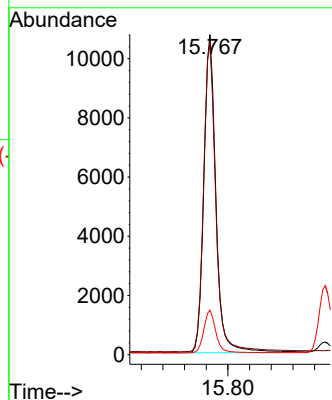
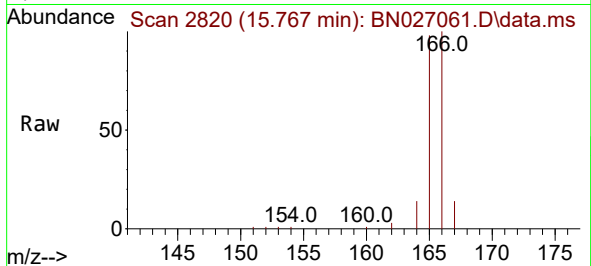




#12
Fluorene
Concen: 0.285 ng/ul
RT: 15.767 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN027061.D
Acq: 23 Aug 2023 13:07

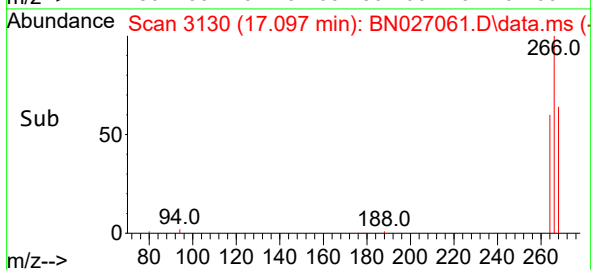
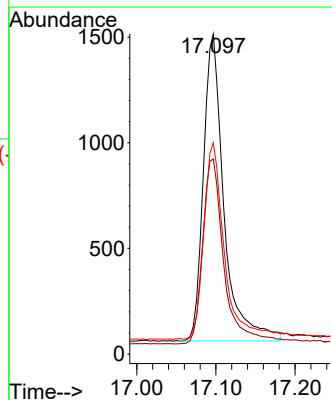
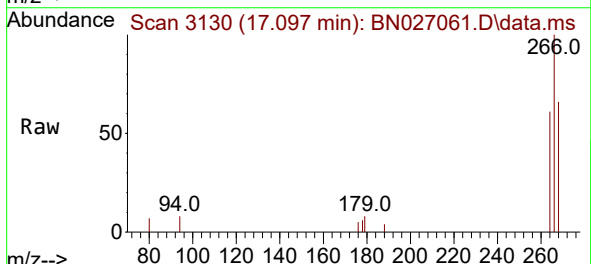
Instrument :
BNA_N
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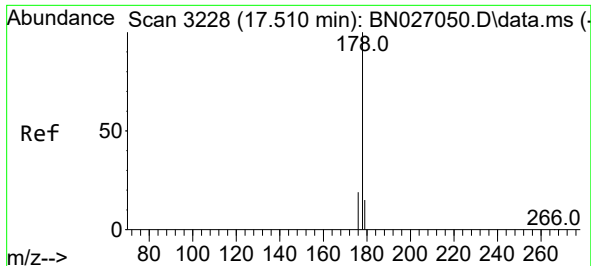
Tgt Ion:166 Resp: 16558
Ion Ratio Lower Upper
166 100
165 97.5 79.1 118.7
167 13.9 11.4 17.0



#14
Pentachlorophenol
Concen: 0.339 ng/ul
RT: 17.097 min Scan# 3130
Delta R.T. -0.000 min
Lab File: BN027061.D
Acq: 23 Aug 2023 13:07

Tgt Ion:266 Resp: 2617
Ion Ratio Lower Upper
266 100
264 62.2 50.4 75.6
268 65.0 51.2 76.8

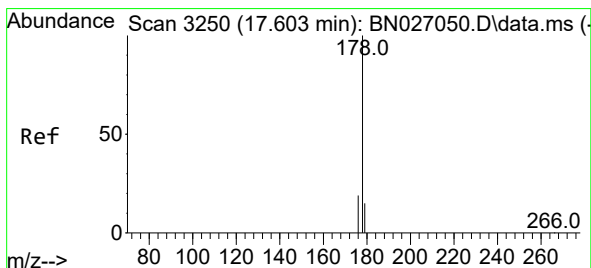
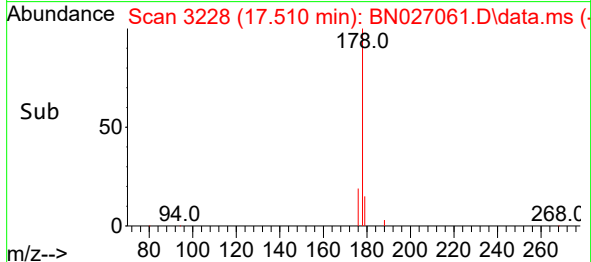
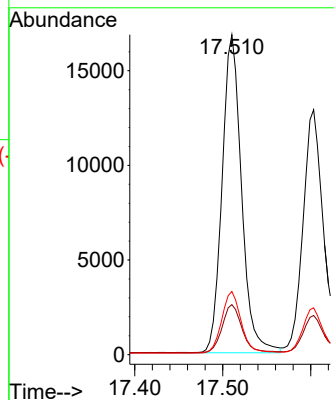
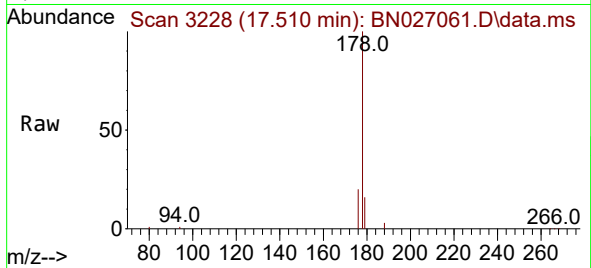




#15
Phenanthrene
Concen: 0.288 ng/ul
RT: 17.510 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN027061.D
Acq: 23 Aug 2023 13:07

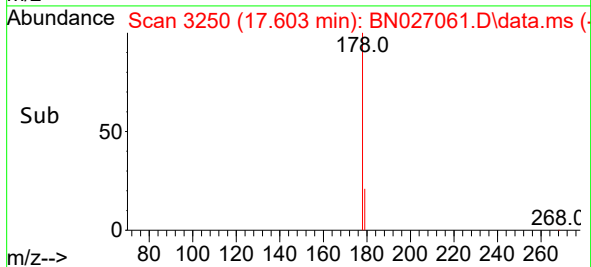
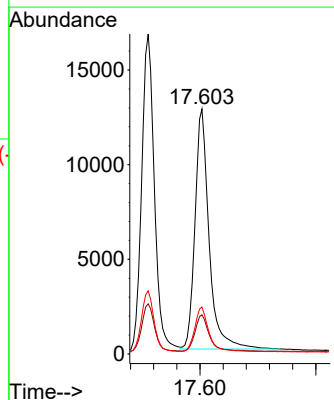
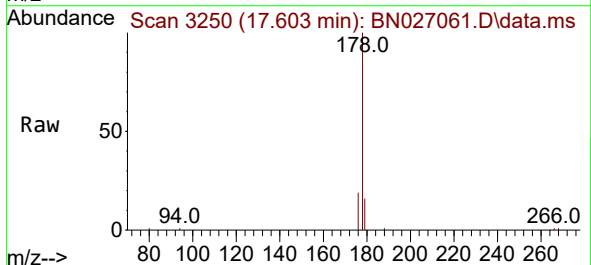
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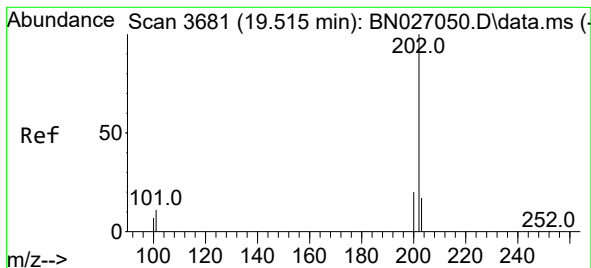
Tgt Ion:178 Resp: 25808
Ion Ratio Lower Upper
178 100
179 15.6 12.6 18.8
176 19.8 15.4 23.2



#16
Anthracene
Concen: 0.265 ng/ul
RT: 17.603 min Scan# 3250
Delta R.T. -0.000 min
Lab File: BN027061.D
Acq: 23 Aug 2023 13:07

Tgt Ion:178 Resp: 21425
Ion Ratio Lower Upper
178 100
179 16.0 12.6 19.0
176 19.1 15.0 22.6





#19

Fluoranthene

Concen: 0.412 ng/ul

RT: 19.515 min Scan# 3681

Delta R.T. -0.000 min

Lab File: BN027061.D

Acq: 23 Aug 2023 13:07

Instrument :

BNA_N

ClientSampleId :

SLCS954

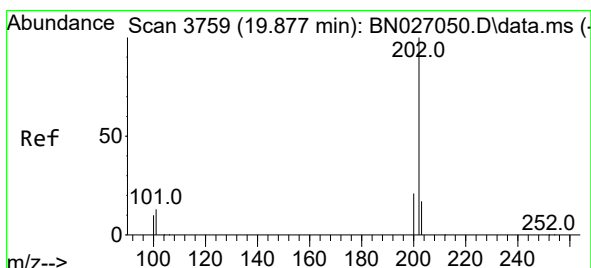
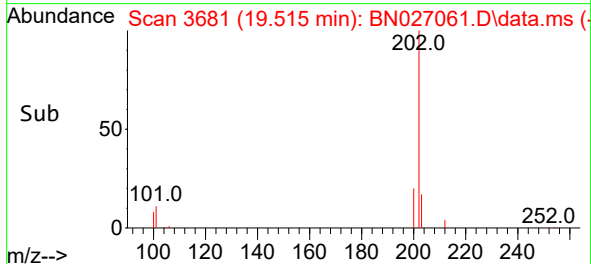
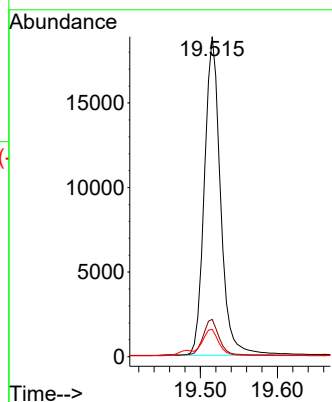
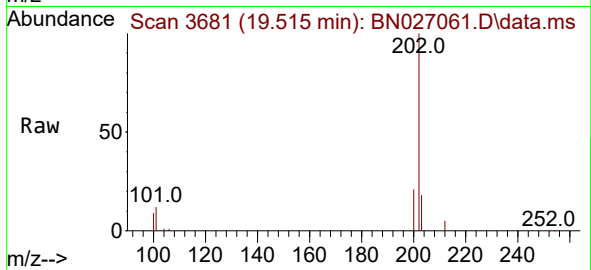
Tgt Ion:202 Resp: 27359

Ion Ratio Lower Upper

202 100

101 11.7 8.3 12.5

100 8.5 6.2 9.2



#20

Pyrene

Concen: 0.389 ng/ul

RT: 19.878 min Scan# 3759

Delta R.T. -0.005 min

Lab File: BN027061.D

Acq: 23 Aug 2023 13:07

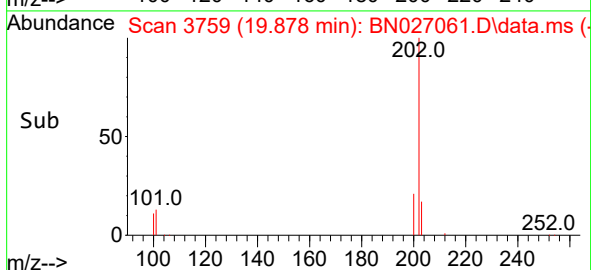
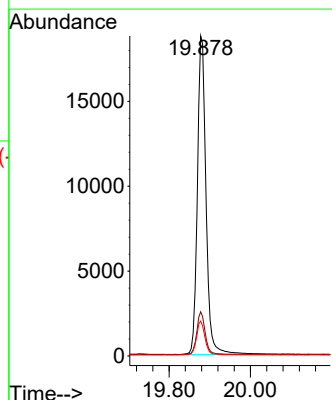
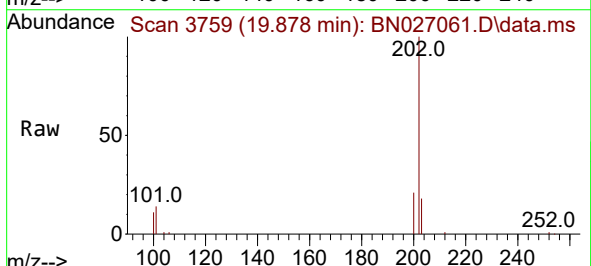
Tgt Ion:202 Resp: 27594

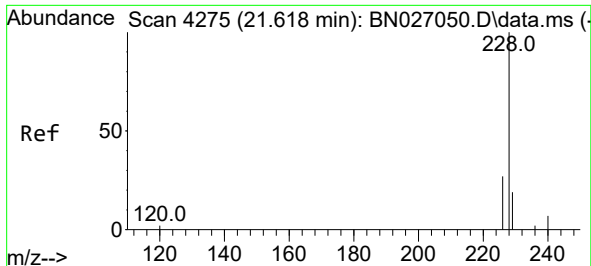
Ion Ratio Lower Upper

202 100

101 13.8 10.7 16.1

100 10.9 8.5 12.7

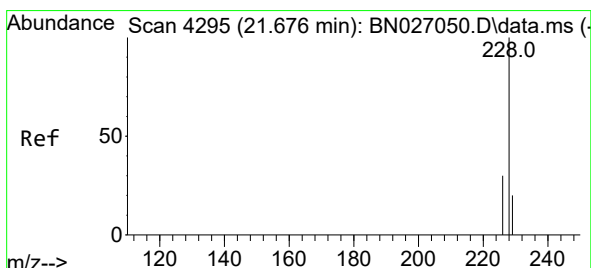
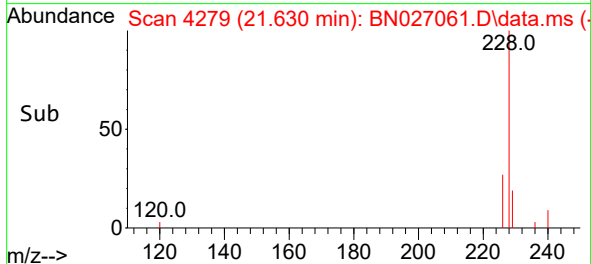
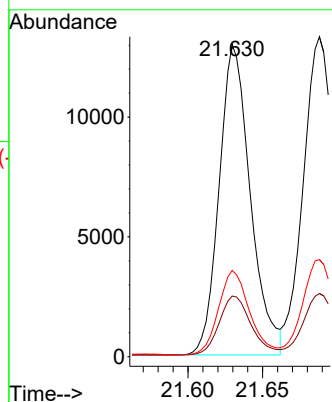
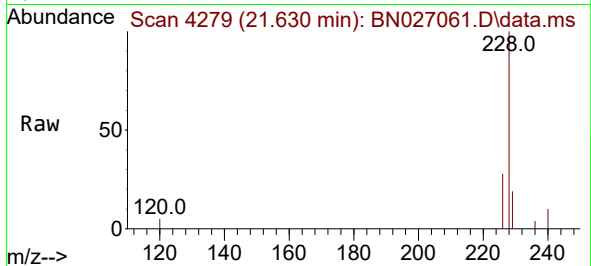




#21
Benzo(a)anthracene
Concen: 0.296 ng/ul
RT: 21.630 min Scan# 4275
Delta R.T. 0.009 min
Lab File: BN027061.D
Acq: 23 Aug 2023 13:07

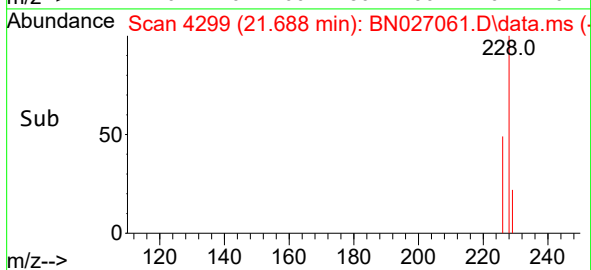
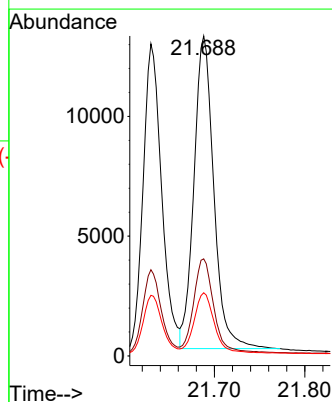
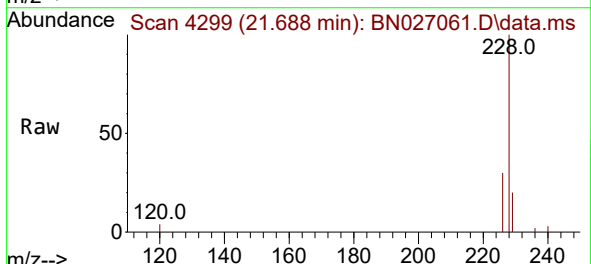
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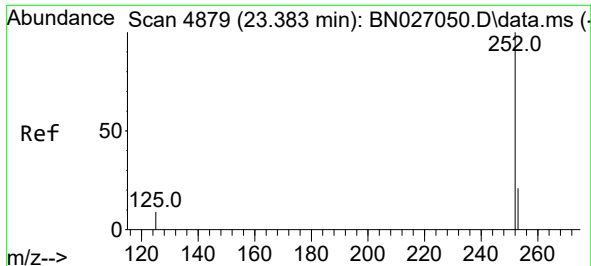
Tgt Ion:228 Resp: 18845
Ion Ratio Lower Upper
228 100
229 19.4 16.0 24.0
226 27.6 22.2 33.2



#22
Chrysene
Concen: 0.317 ng/ul
RT: 21.688 min Scan# 4299
Delta R.T. 0.012 min
Lab File: BN027061.D
Acq: 23 Aug 2023 13:07

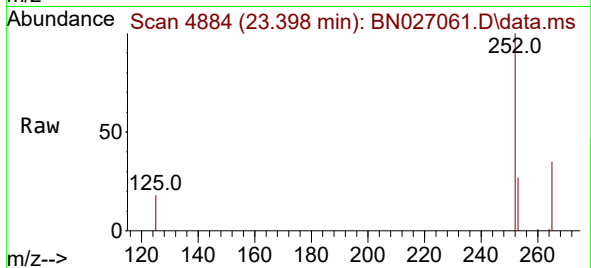
Tgt Ion:228 Resp: 19917
Ion Ratio Lower Upper
228 100
226 30.3 24.6 36.8
229 19.8 15.8 23.6



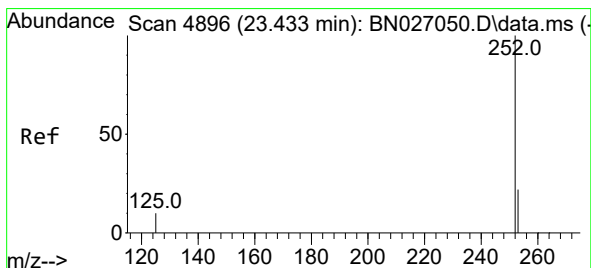
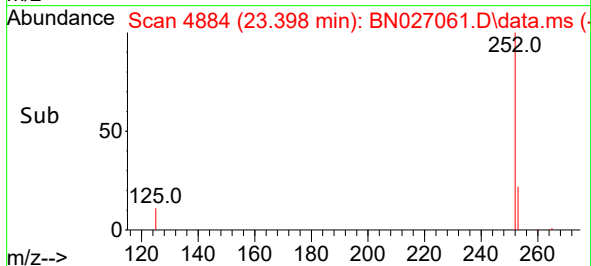
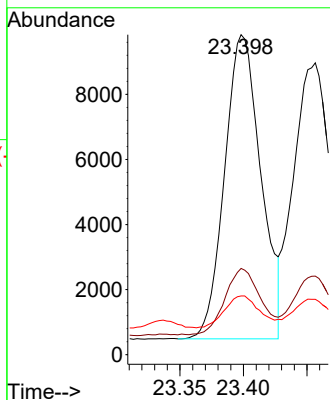


#24
Benzo(b)fluoranthene
Concen: 0.348 ng/ul
RT: 23.398 min Scan# 4884
Delta R.T. 0.012 min
Lab File: BN027061.D
Acq: 23 Aug 2023 13:07

Instrument :
BNA_N
ClientSampleId :
SLCS954

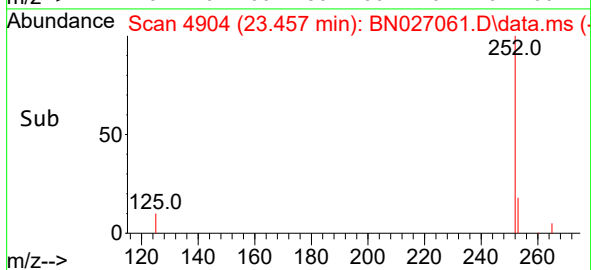
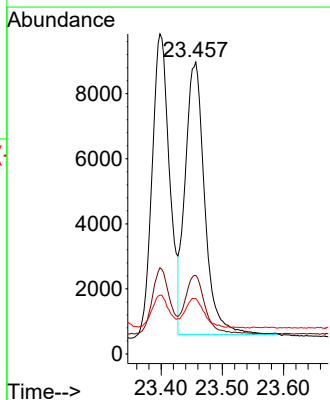
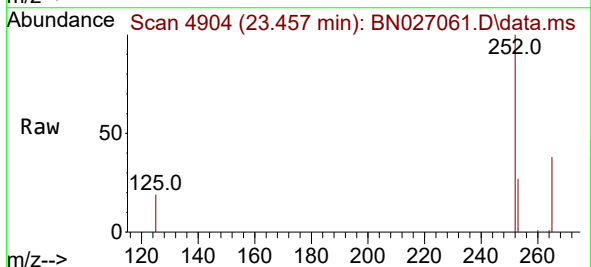


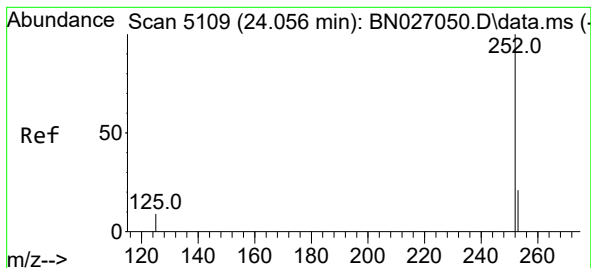
Tgt Ion:252 Resp: 18601
Ion Ratio Lower Upper
252 100
253 27.0 0.0 46.8
125 18.3 0.0 25.2



#25
Benzo(k)fluoranthene
Concen: 0.351 ng/ul
RT: 23.457 min Scan# 4904
Delta R.T. 0.017 min
Lab File: BN027061.D
Acq: 23 Aug 2023 13:07

Tgt Ion:252 Resp: 18495
Ion Ratio Lower Upper
252 100
253 26.9 18.2 27.4
125 19.0 9.9 14.9#





#26

Benzo(a)pyrene

Concen: 0.314 ng/ul

RT: 24.076 min Scan# 5109

Delta R.T. 0.015 min

Lab File: BN027061.D

Acq: 23 Aug 2023 13:07

Instrument :

BNA_N

ClientSampleId :

SLCS954

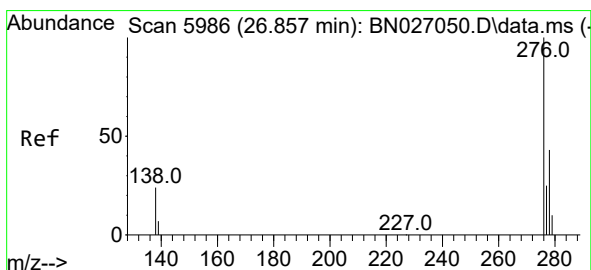
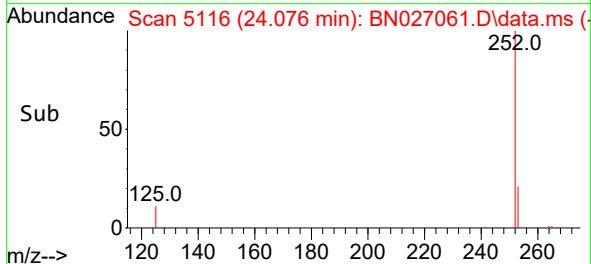
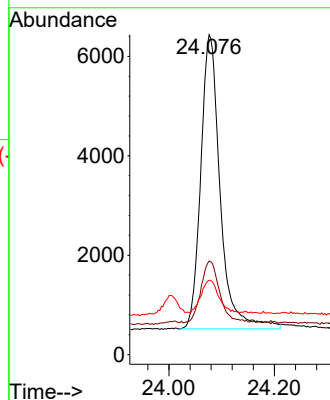
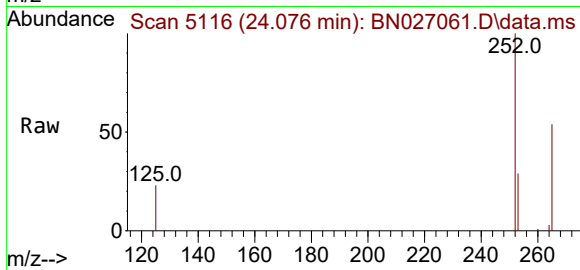
Tgt Ion:252 Resp: 15149

Ion Ratio Lower Upper

252 100

253 29.2 19.0 28.6#

125 23.3 11.4 17.0#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.304 ng/ul

RT: 26.878 min Scan# 5992

Delta R.T. 0.023 min

Lab File: BN027061.D

Acq: 23 Aug 2023 13:07

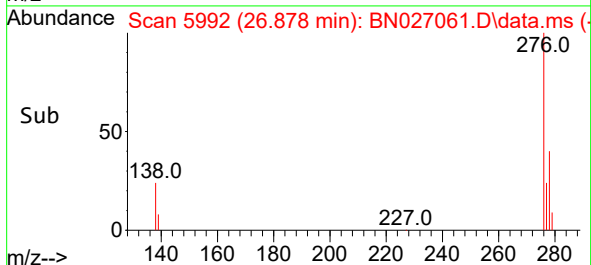
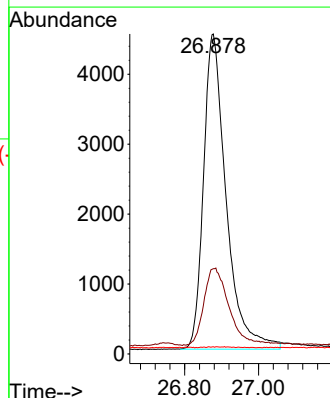
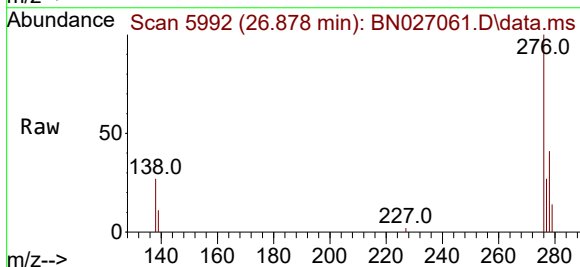
Tgt Ion:276 Resp: 19194

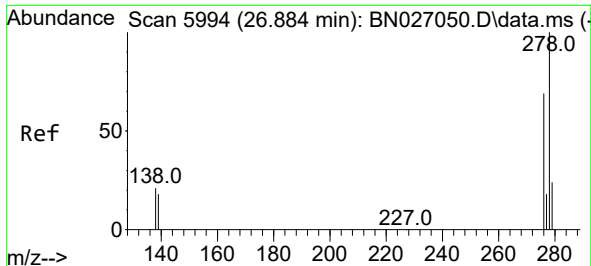
Ion Ratio Lower Upper

276 100

138 27.5 21.6 32.4

227 0.0 0.0 0.0#

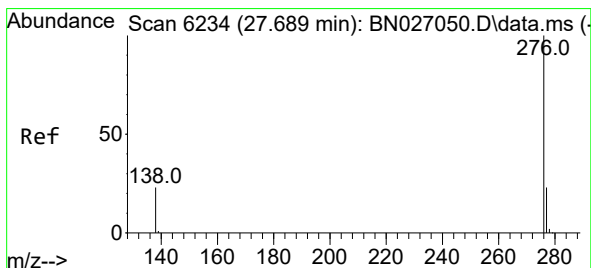
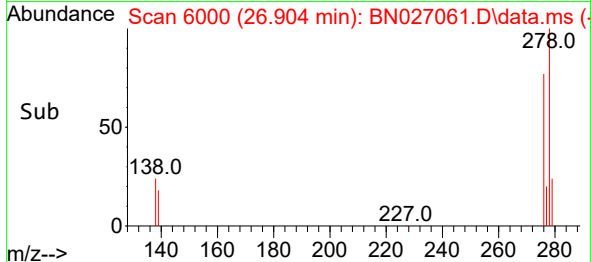
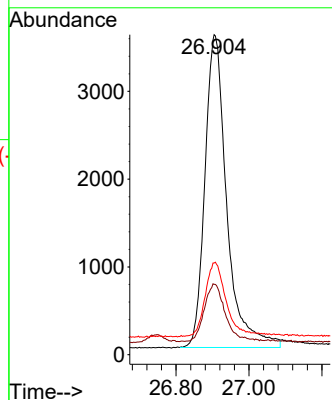
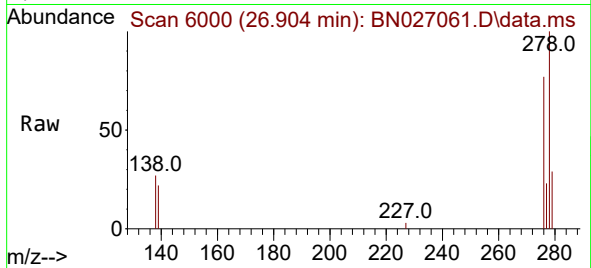




#28
Dibenzo(a,h)anthracene
Concen: 0.295 ng/ul
RT: 26.904 min Scan# 6000
Delta R.T. 0.020 min
Lab File: BN027061.D
Acq: 23 Aug 2023 13:07

Instrument :
BNA_N
ClientSampleId :
SLCS954

Tgt Ion: 278 Resp: 14841
Ion Ratio Lower Upper
278 100
139 22.0 15.7 23.5
279 28.7 20.2 30.4



#29
Benzo(g,h,i)perylene
Concen: 0.323 ng/ul
RT: 27.709 min Scan# 6240
Delta R.T. 0.013 min
Lab File: BN027061.D
Acq: 23 Aug 2023 13:07

Tgt Ion: 276 Resp: 16952
Ion Ratio Lower Upper
276 100
138 26.3 19.3 28.9
277 25.9 19.8 29.8

