

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
 Data File : BN027060.D
 Acq On : 23 Aug 2023 12:30
 Operator : MA/JU
 Sample : PB154938BS
 Misc :
 ALS Vial : 81 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS938

Quant Time: Aug 24 01:38:03 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)

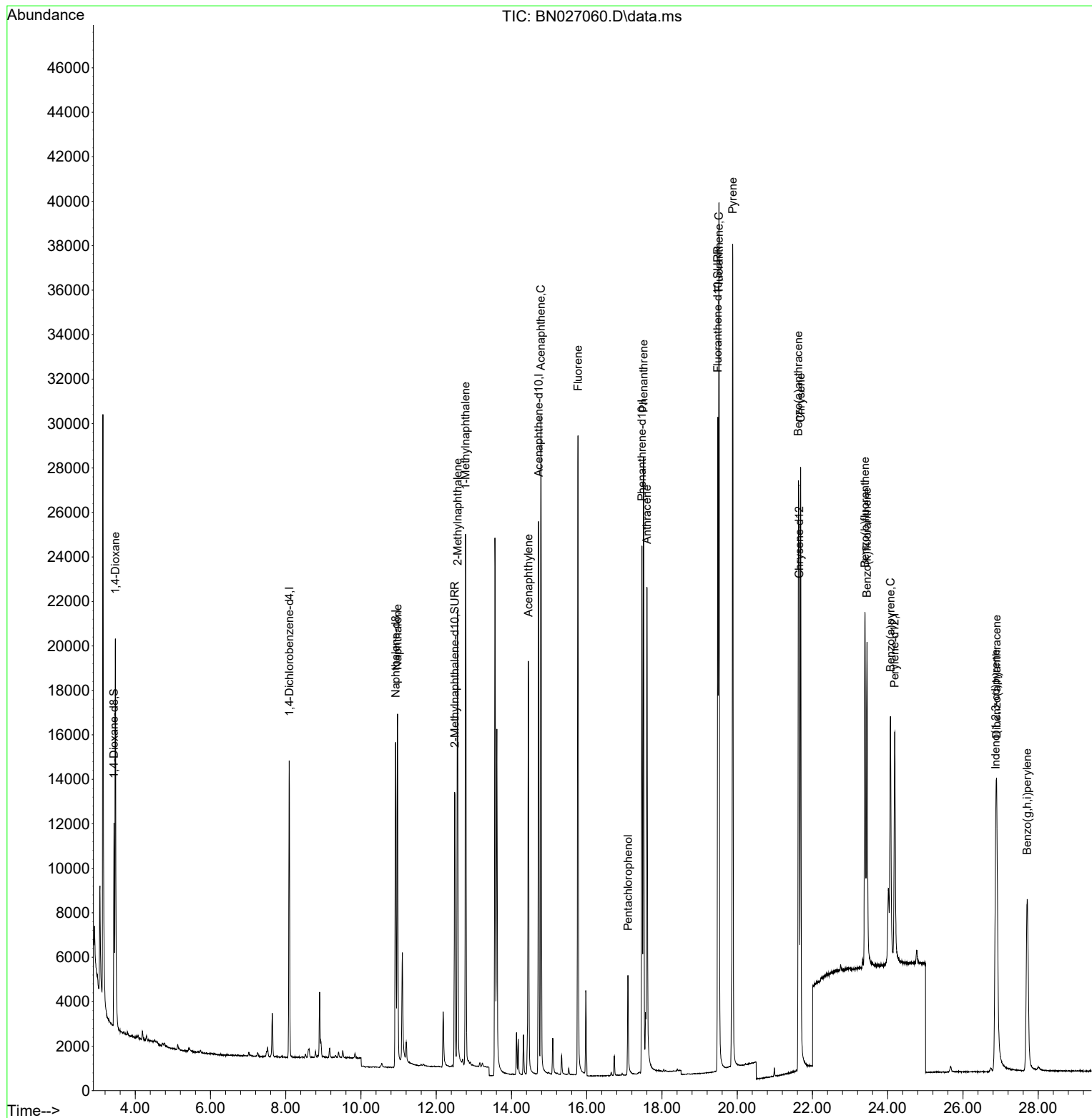
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	6752	0.400	ng/ul	0.00
4) Naphthalene-d8	10.922	136	22184	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.721	164	13626	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.468	188	28440	0.400	ng/ul	0.00
17) Chrysene-d12	21.647	240	17561	0.400	ng/ul	0.00
23) Perylene-d12	24.185	264	15619	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.435	96	6548	0.817	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.489	152	17422	0.534	ng/ul	0.00
18) Fluoranthene-d10	19.483	212	34378	0.620	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.473	88	13209	1.614	ng/ul#	93
5) Naphthalene	10.971	128	22661	0.361	ng/ul	100
7) 2-Methylnaphthalene	12.566	142	15509	0.408	ng/ul	100
8) 1-Methylnaphthalene	12.781	142	16984	0.427	ng/ul	100
10) Acenaphthylene	14.448	152	22550	0.295	ng/ul	100
11) Acenaphthene	14.782	153	17888	0.339	ng/ul	98
12) Fluorene	15.767	166	19805	0.331	ng/ul	98
14) Pentachlorophenol	17.097	266	3454	0.429	ng/ul	99
15) Phenanthrene	17.510	178	31267	0.335	ng/ul	100
16) Anthracene	17.603	178	26550	0.314	ng/ul	99
19) Fluoranthene	19.515	202	33781	0.463	ng/ul	99
20) Pyrene	19.882	202	33973	0.436	ng/ul	98
21) Benzo(a)anthracene	21.627	228	24401	0.349	ng/ul	100
22) Chrysene	21.685	228	25307	0.367	ng/ul	99
24) Benzo(b)fluoranthene	23.395	252	23195	0.393	ng/ul	93
25) Benzo(k)fluoranthene	23.448	252	23361	0.401	ng/ul#	91
26) Benzo(a)pyrene	24.073	252	18918	0.355	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.871	276	23908	0.343	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.894	278	18708	0.337	ng/ul	95
29) Benzo(g,h,i)perylene	27.706	276	20661	0.356	ng/ul	97

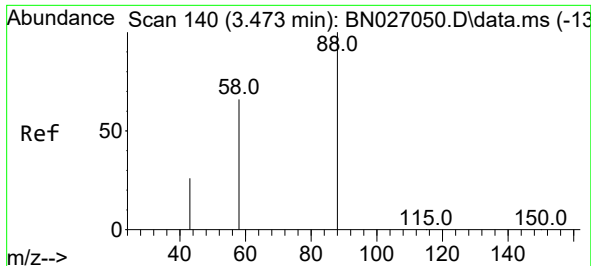
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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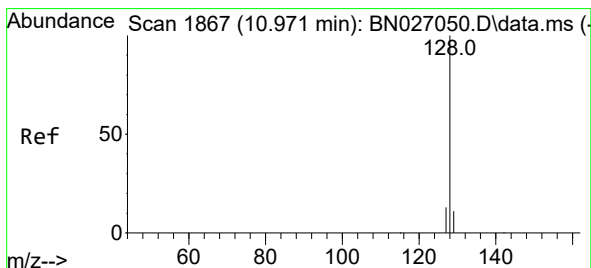
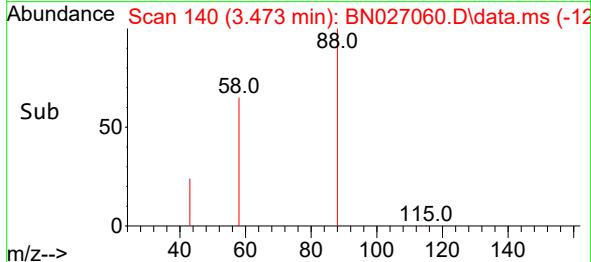
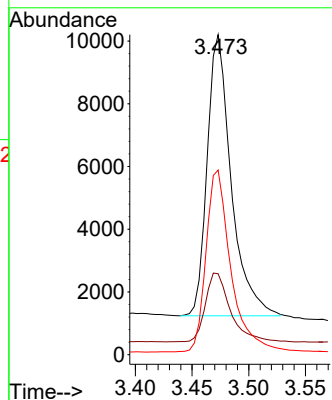
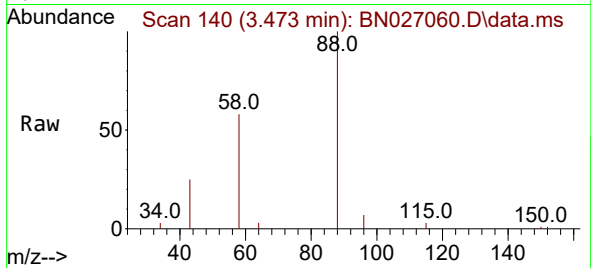




#2
1,4-Dioxane
Concen: 1.614 ng/ul
RT: 3.473 min Scan# 140
Delta R.T. -0.004 min
Lab File: BN027060.D
Acq: 23 Aug 2023 12:30

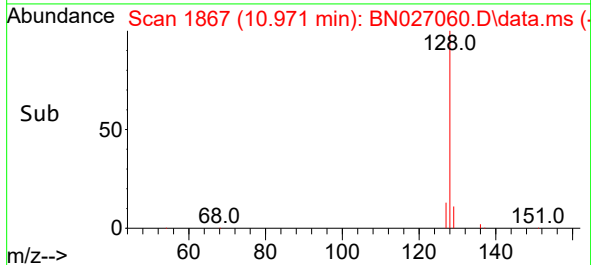
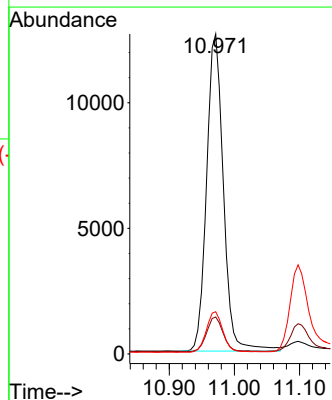
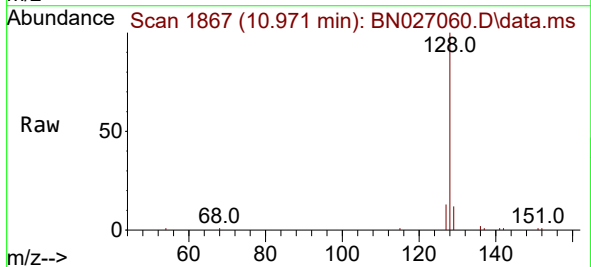
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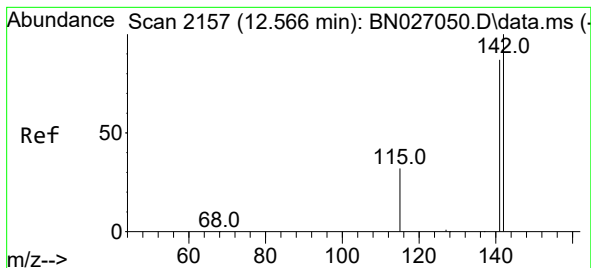
Tgt Ion: 88 Resp: 13209
Ion Ratio Lower Upper
88 100
43 25.3 28.0 42.0#
58 57.7 46.0 69.0



#5
Naphthalene
Concen: 0.361 ng/ul
RT: 10.971 min Scan# 1867
Delta R.T. -0.000 min
Lab File: BN027060.D
Acq: 23 Aug 2023 12:30

Tgt Ion:128 Resp: 22661
Ion Ratio Lower Upper
128 100
129 11.5 9.2 13.8
127 13.2 10.5 15.7

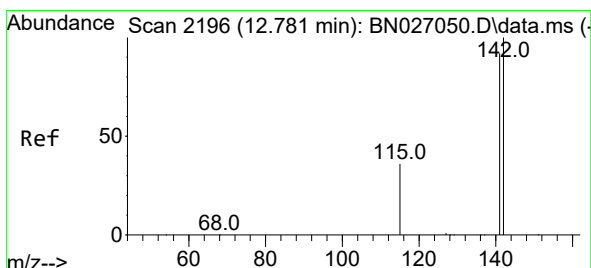
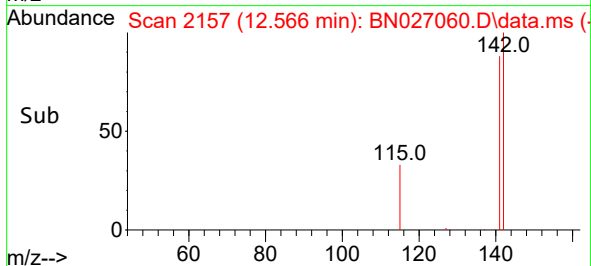
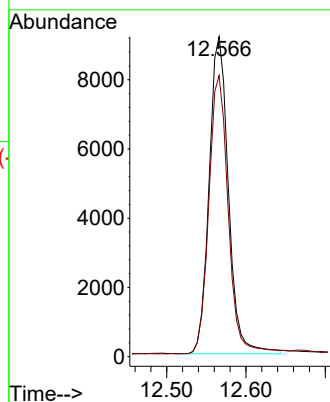
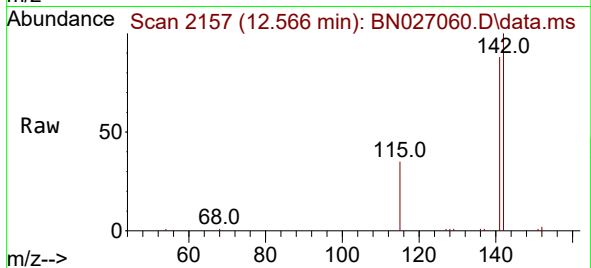




#7
2-Methylnaphthalene
Concen: 0.408 ng/ul
RT: 12.566 min Scan# 2157
Delta R.T. -0.000 min
Lab File: BN027060.D
Acq: 23 Aug 2023 12:30

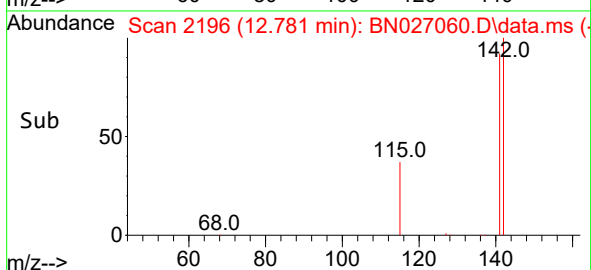
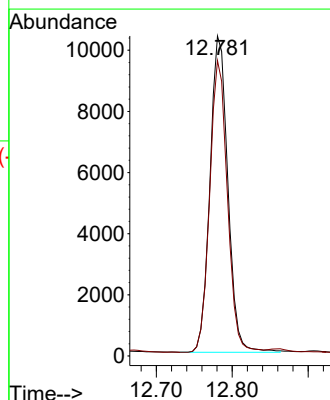
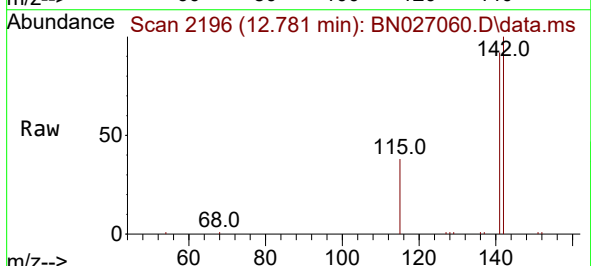
Instrument :
BNA_N
ClientSampleId :
SLCS938

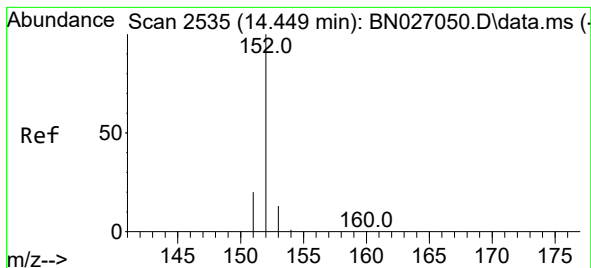
Tgt Ion:142 Resp: 15509
Ion Ratio Lower Upper
142 100
141 88.2 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.427 ng/ul
RT: 12.781 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BN027060.D
Acq: 23 Aug 2023 12:30

Tgt Ion:142 Resp: 16984
Ion Ratio Lower Upper
142 100
141 91.1 73.2 109.8





#10

Acenaphthylene

Concen: 0.295 ng/ul

RT: 14.448 min Scan# 2535

Delta R.T. -0.005 min

Lab File: BN027060.D

Acq: 23 Aug 2023 12:30

Instrument :

BNA_N

ClientSampleId :

SLCS938

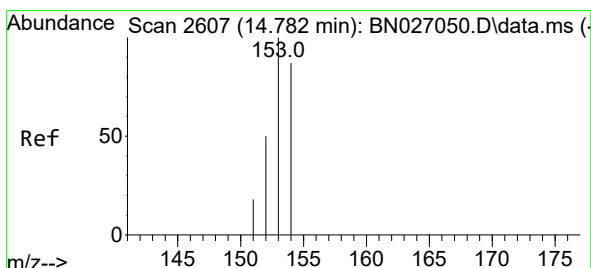
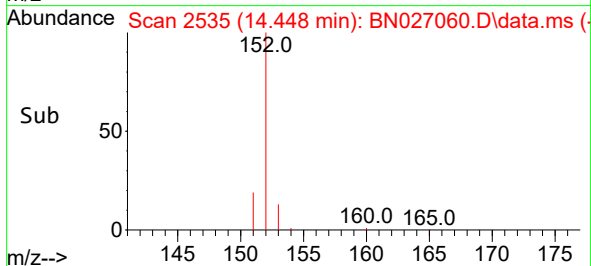
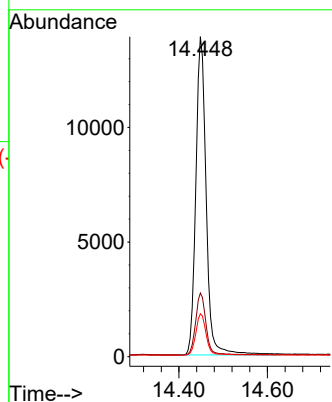
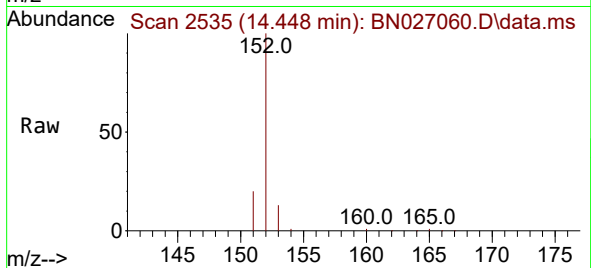
Tgt Ion:152 Resp: 22550

Ion Ratio Lower Upper

152 100

151 19.9 15.9 23.9

153 13.4 11.0 16.6



#11

Acenaphthene

Concen: 0.339 ng/ul

RT: 14.782 min Scan# 2607

Delta R.T. -0.005 min

Lab File: BN027060.D

Acq: 23 Aug 2023 12:30

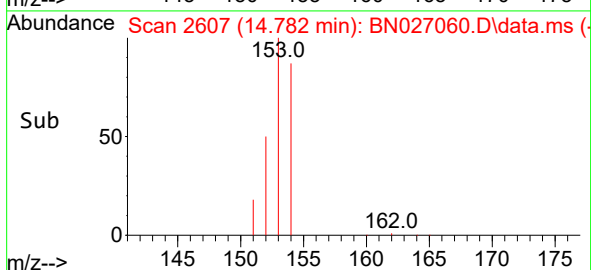
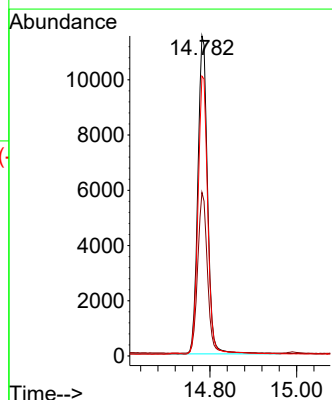
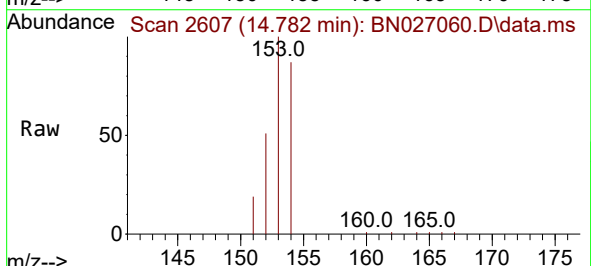
Tgt Ion:153 Resp: 17888

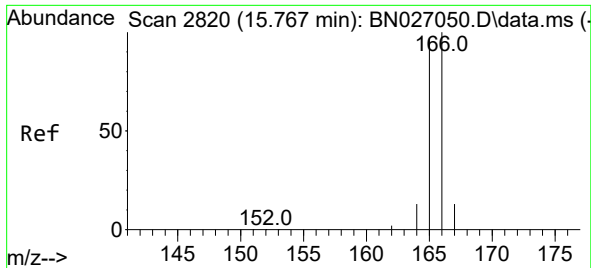
Ion Ratio Lower Upper

153 100

152 51.1 41.1 61.7

154 87.4 71.6 107.4

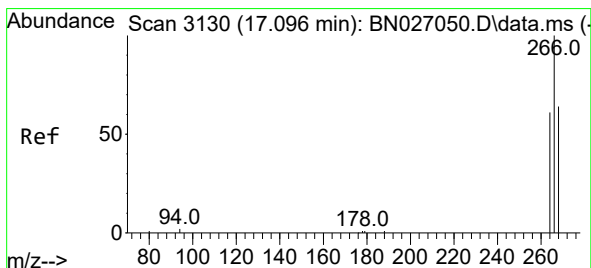
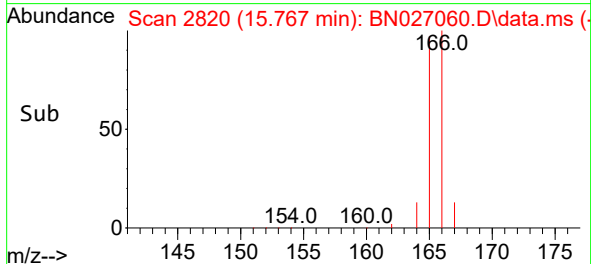
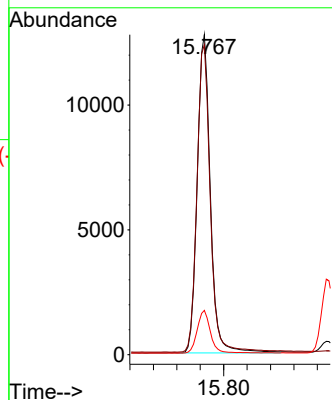
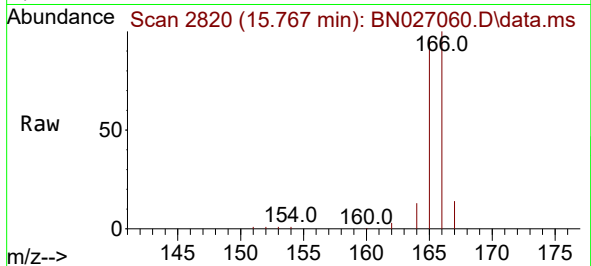




#12
 Fluorene
 Concen: 0.331 ng/ul
 RT: 15.767 min Scan# 2820
 Delta R.T. -0.000 min
 Lab File: BN027060.D
 Acq: 23 Aug 2023 12:30

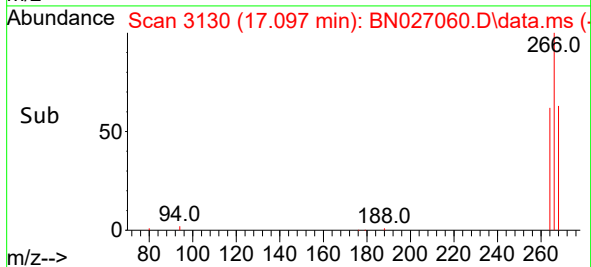
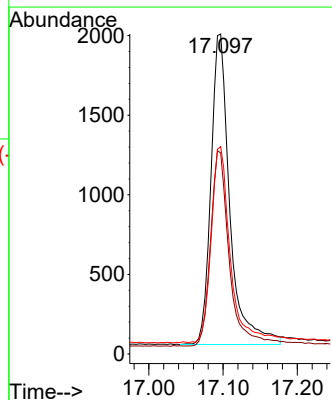
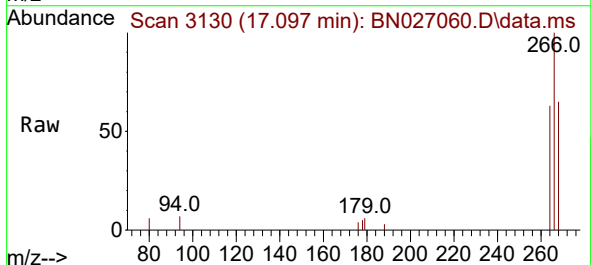
Instrument :
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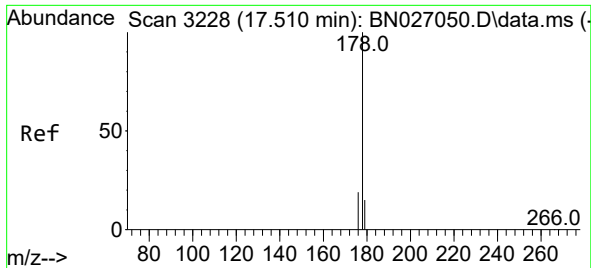
Tgt Ion:166 Resp: 19805
 Ion Ratio Lower Upper
 166 100
 165 96.8 79.1 118.7
 167 13.8 11.4 17.0



#14
 Pentachlorophenol
 Concen: 0.429 ng/ul
 RT: 17.097 min Scan# 3130
 Delta R.T. -0.000 min
 Lab File: BN027060.D
 Acq: 23 Aug 2023 12:30

Tgt Ion:266 Resp: 3454
 Ion Ratio Lower Upper
 266 100
 264 62.4 50.4 75.6
 268 63.7 51.2 76.8

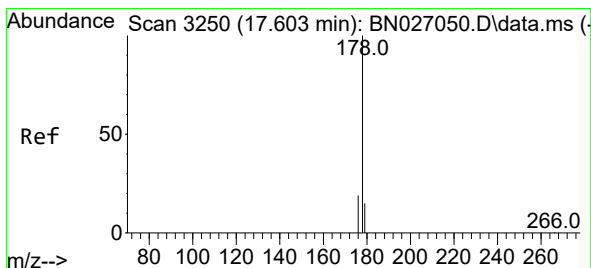
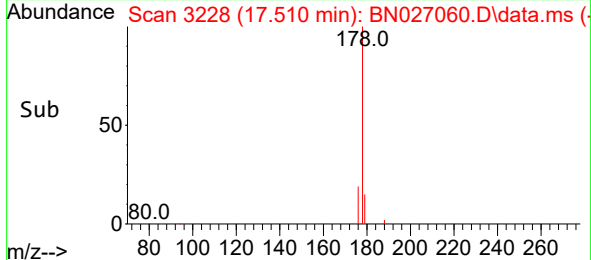
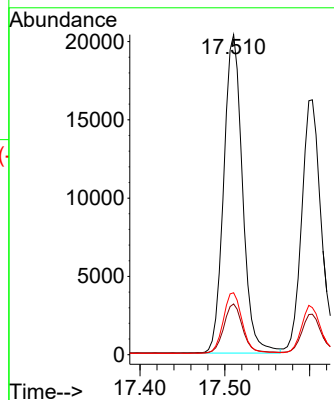
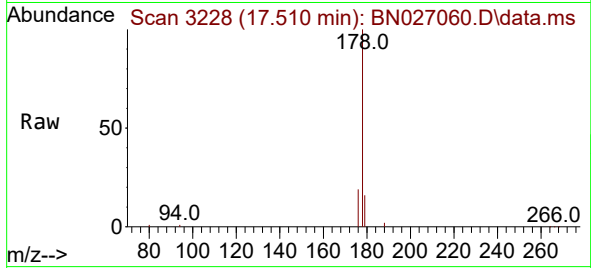




#15
Phenanthrene
Concen: 0.335 ng/ul
RT: 17.510 min Scan# 31267
Delta R.T. -0.000 min
Lab File: BN027060.D
Acq: 23 Aug 2023 12:30

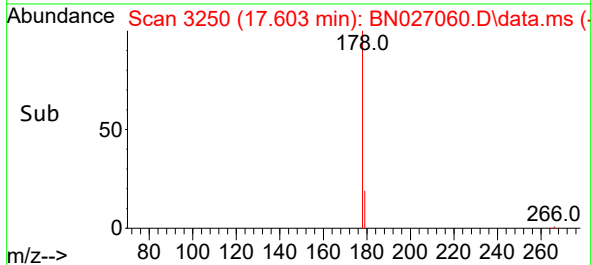
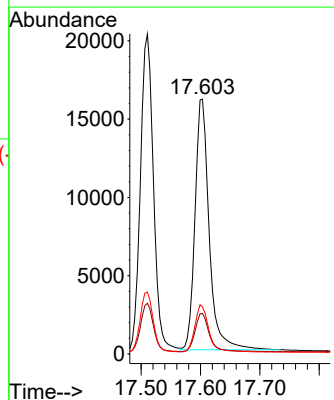
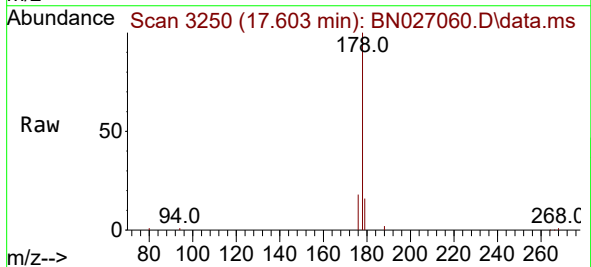
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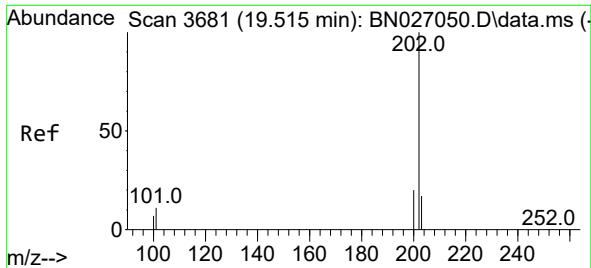
Tgt Ion:178 Resp: 31267
Ion Ratio Lower Upper
178 100
179 15.8 12.6 18.8
176 19.3 15.4 23.2



#16
Anthracene
Concen: 0.314 ng/ul
RT: 17.603 min Scan# 3250
Delta R.T. -0.000 min
Lab File: BN027060.D
Acq: 23 Aug 2023 12:30

Tgt Ion:178 Resp: 26550
Ion Ratio Lower Upper
178 100
179 15.9 12.6 19.0
176 18.5 15.0 22.6

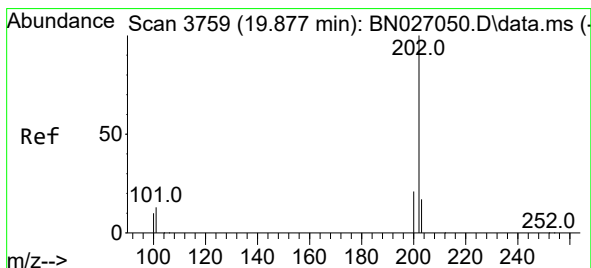
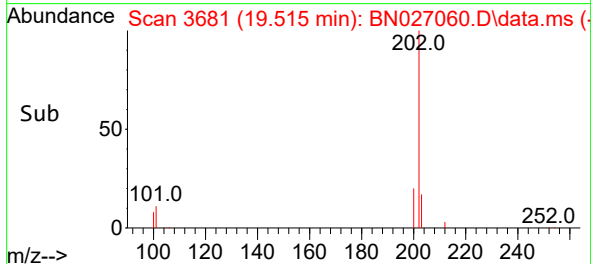
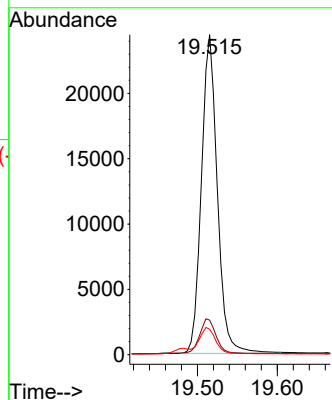
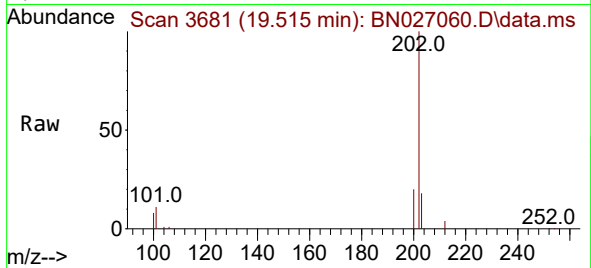




#19
Fluoranthene
Concen: 0.463 ng/ul
RT: 19.515 min Scan# 3681
Delta R.T. -0.000 min
Lab File: BN027060.D
Acq: 23 Aug 2023 12:30

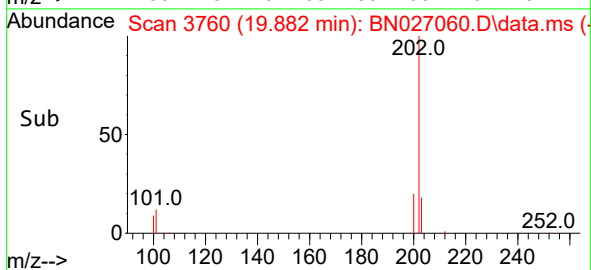
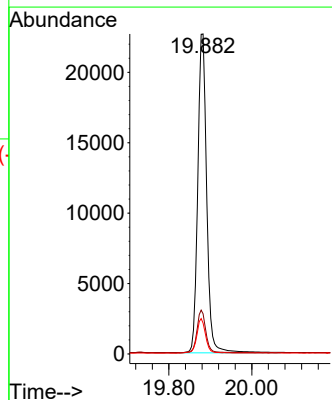
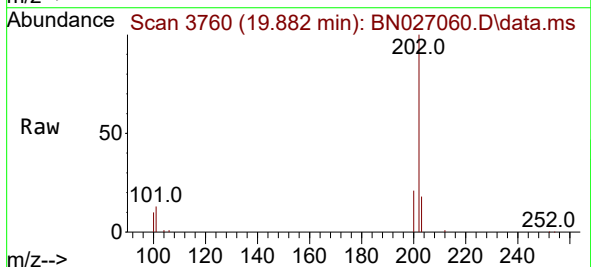
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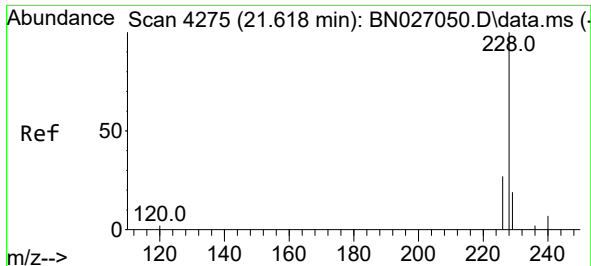
Tgt Ion:202 Resp: 33781
Ion Ratio Lower Upper
202 100
101 10.8 8.3 12.5
100 7.9 6.2 9.2



#20
Pyrene
Concen: 0.436 ng/ul
RT: 19.882 min Scan# 3760
Delta R.T. -0.000 min
Lab File: BN027060.D
Acq: 23 Aug 2023 12:30

Tgt Ion:202 Resp: 33973
Ion Ratio Lower Upper
202 100
101 12.6 10.7 16.1
100 9.6 8.5 12.7

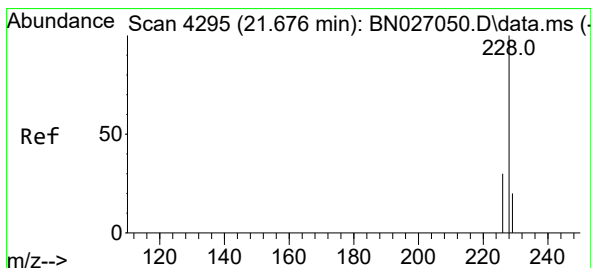
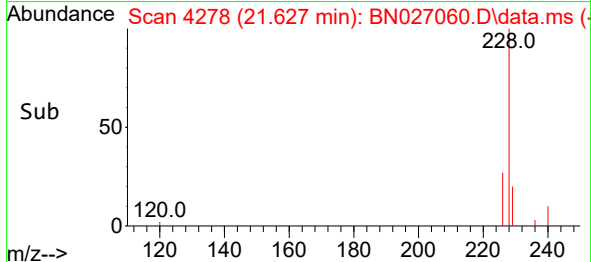
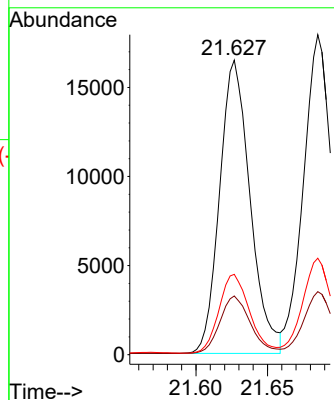
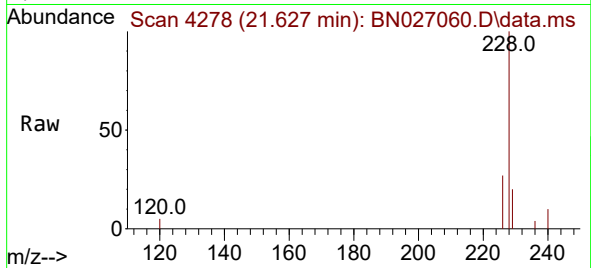




#21
Benzo(a)anthracene
Concen: 0.349 ng/ul
RT: 21.627 min Scan# 4275
Delta R.T. 0.006 min
Lab File: BN027060.D
Acq: 23 Aug 2023 12:30

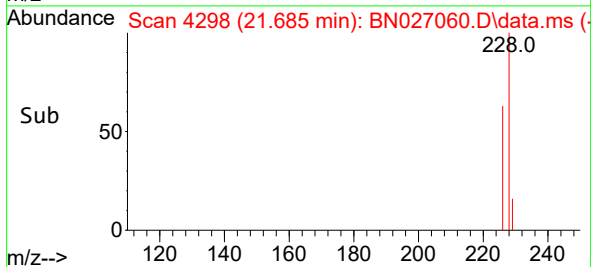
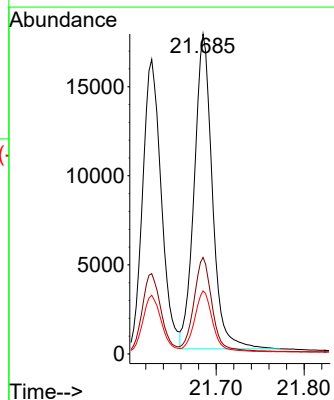
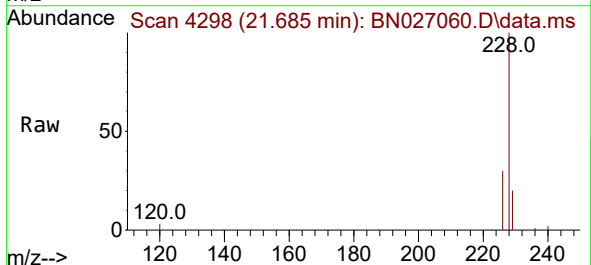
Instrument :
BNA_N
ClientSampleId :
SLCS938

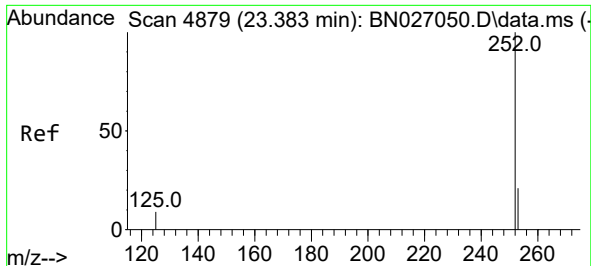
Tgt Ion:228 Resp: 24401
Ion Ratio Lower Upper
228 100
229 20.0 16.0 24.0
226 27.3 22.2 33.2



#22
Chrysene
Concen: 0.367 ng/ul
RT: 21.685 min Scan# 4298
Delta R.T. 0.009 min
Lab File: BN027060.D
Acq: 23 Aug 2023 12:30

Tgt Ion:228 Resp: 25307
Ion Ratio Lower Upper
228 100
226 30.1 24.6 36.8
229 19.7 15.8 23.6

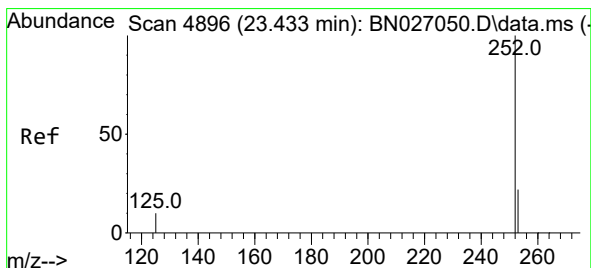
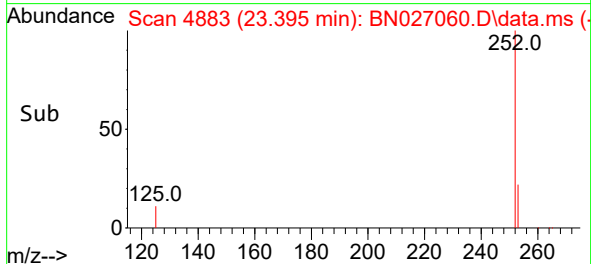
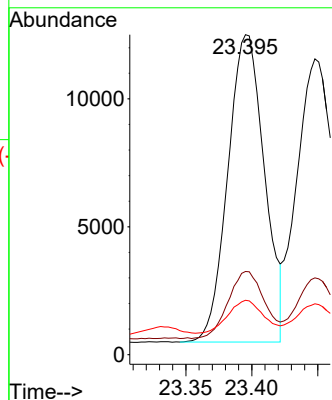
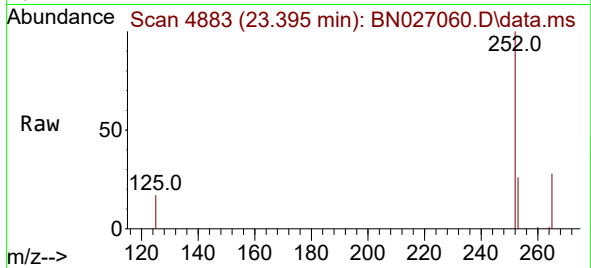




#24
Benzo(b)fluoranthene
Concen: 0.393 ng/ul
RT: 23.395 min Scan# 4883
Delta R.T. 0.009 min
Lab File: BN027060.D
Acq: 23 Aug 2023 12:30

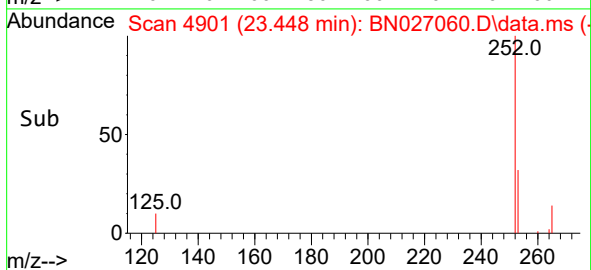
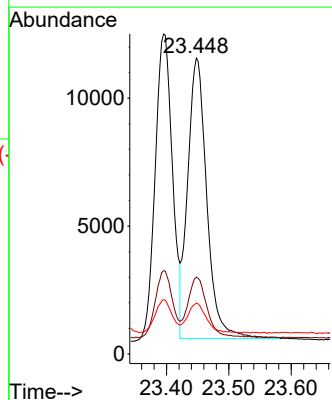
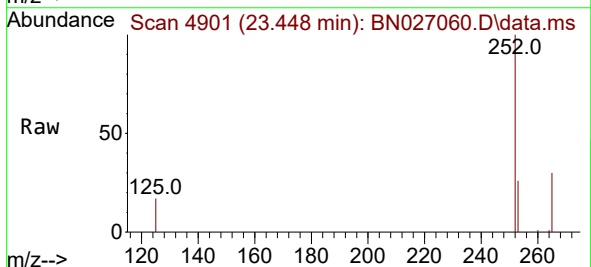
Instrument :
BNA_N
ClientSampleId :
SLCS938

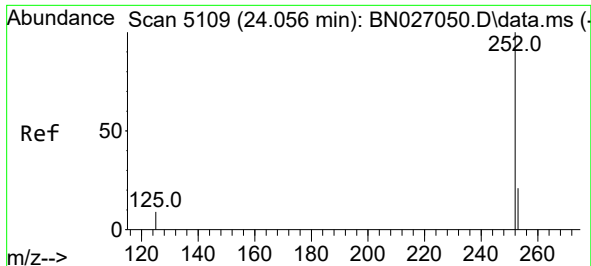
Tgt Ion:252 Resp: 23195
Ion Ratio Lower Upper
252 100
253 26.0 0.0 46.8
125 17.0 0.0 25.2



#25
Benzo(k)fluoranthene
Concen: 0.401 ng/ul
RT: 23.448 min Scan# 4901
Delta R.T. 0.009 min
Lab File: BN027060.D
Acq: 23 Aug 2023 12:30

Tgt Ion:252 Resp: 23361
Ion Ratio Lower Upper
252 100
253 26.0 18.2 27.4
125 17.2 9.9 14.9#

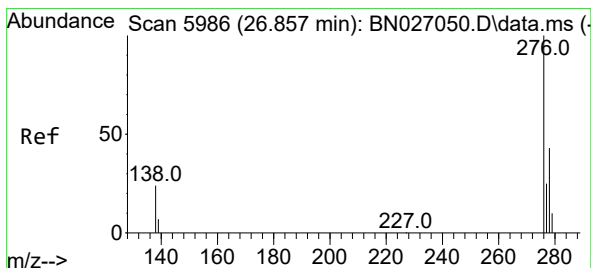
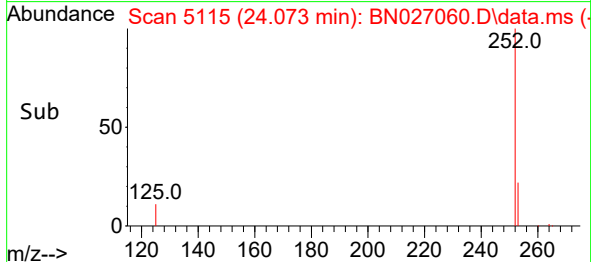
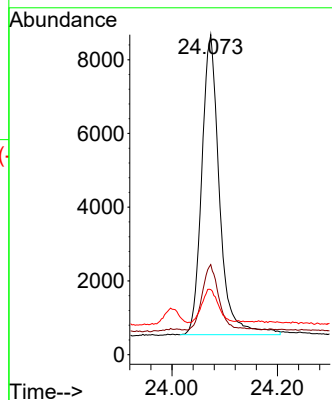
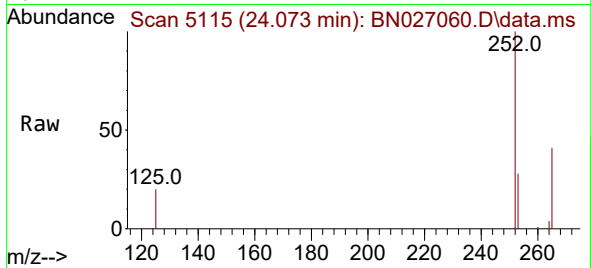




#26
Benzo(a)pyrene
Concen: 0.355 ng/ul
RT: 24.073 min Scan# 5109
Delta R.T. 0.012 min
Lab File: BN027060.D
Acq: 23 Aug 2023 12:30

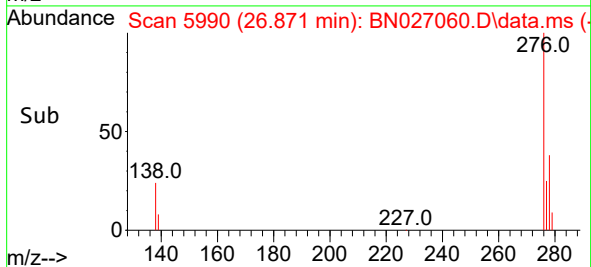
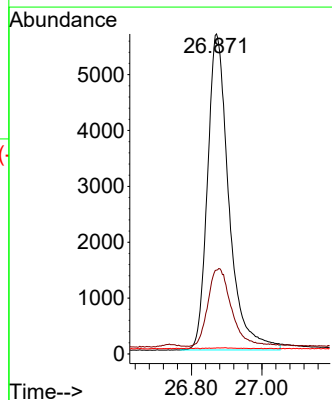
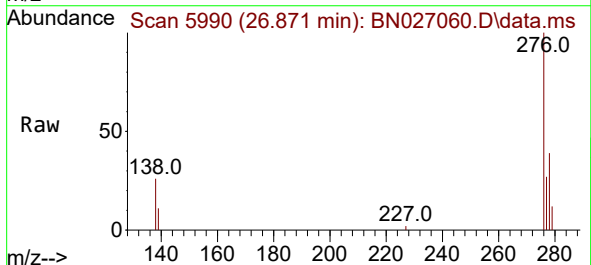
Instrument :
BNA_N
ClientSampleId :
SLCS938

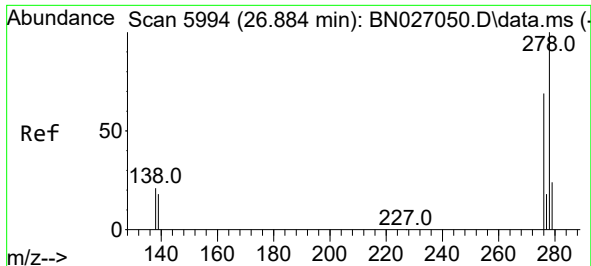
Tgt Ion:252 Resp: 18918
Ion Ratio Lower Upper
252 100
253 28.1 19.0 28.6
125 20.4 11.4 17.0#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.343 ng/ul
RT: 26.871 min Scan# 5990
Delta R.T. 0.017 min
Lab File: BN027060.D
Acq: 23 Aug 2023 12:30

Tgt Ion:276 Resp: 23908
Ion Ratio Lower Upper
276 100
138 27.2 21.6 32.4
227 0.0 0.0 0.0

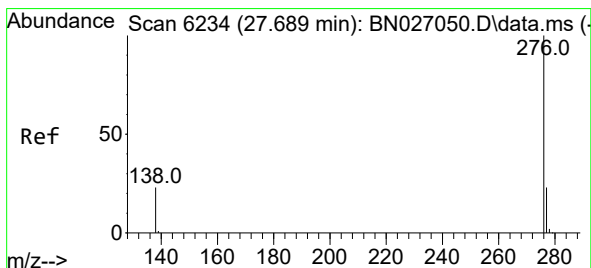
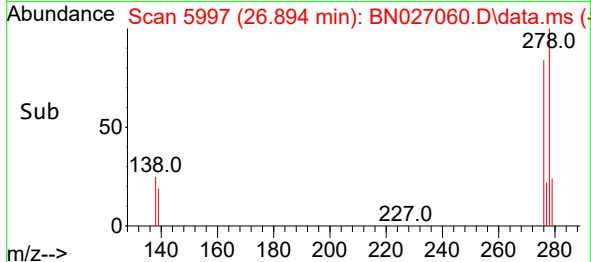
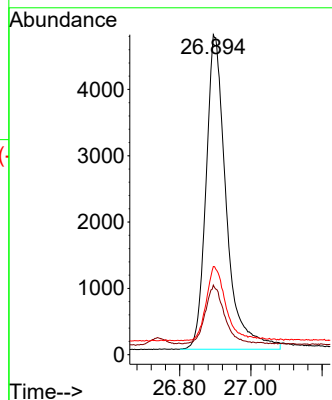
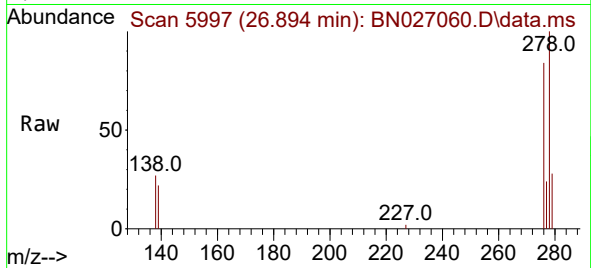




#28
Dibenzo(a,h)anthracene
Concen: 0.337 ng/ul
RT: 26.894 min Scan# 5994
Delta R.T. 0.010 min
Lab File: BN027060.D
Acq: 23 Aug 2023 12:30

Instrument :
BNA_N
ClientSampleId :
SLCS938

Tgt Ion:278 Resp: 18708
Ion Ratio Lower Upper
278 100
139 21.8 15.7 23.5
279 27.5 20.2 30.4



#29
Benzo(g,h,i)perylene
Concen: 0.356 ng/ul
RT: 27.706 min Scan# 6239
Delta R.T. 0.010 min
Lab File: BN027060.D
Acq: 23 Aug 2023 12:30

Tgt Ion:276 Resp: 20661
Ion Ratio Lower Upper
276 100
138 25.9 19.3 28.9
277 25.7 19.8 29.8

