

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
 Data File : BN027066.D
 Acq On : 23 Aug 2023 17:51
 Operator : MA/JU
 Sample : PB154938BS
 Misc :
 ALS Vial : 87 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS938

Quant Time: Aug 24 01:39:05 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)

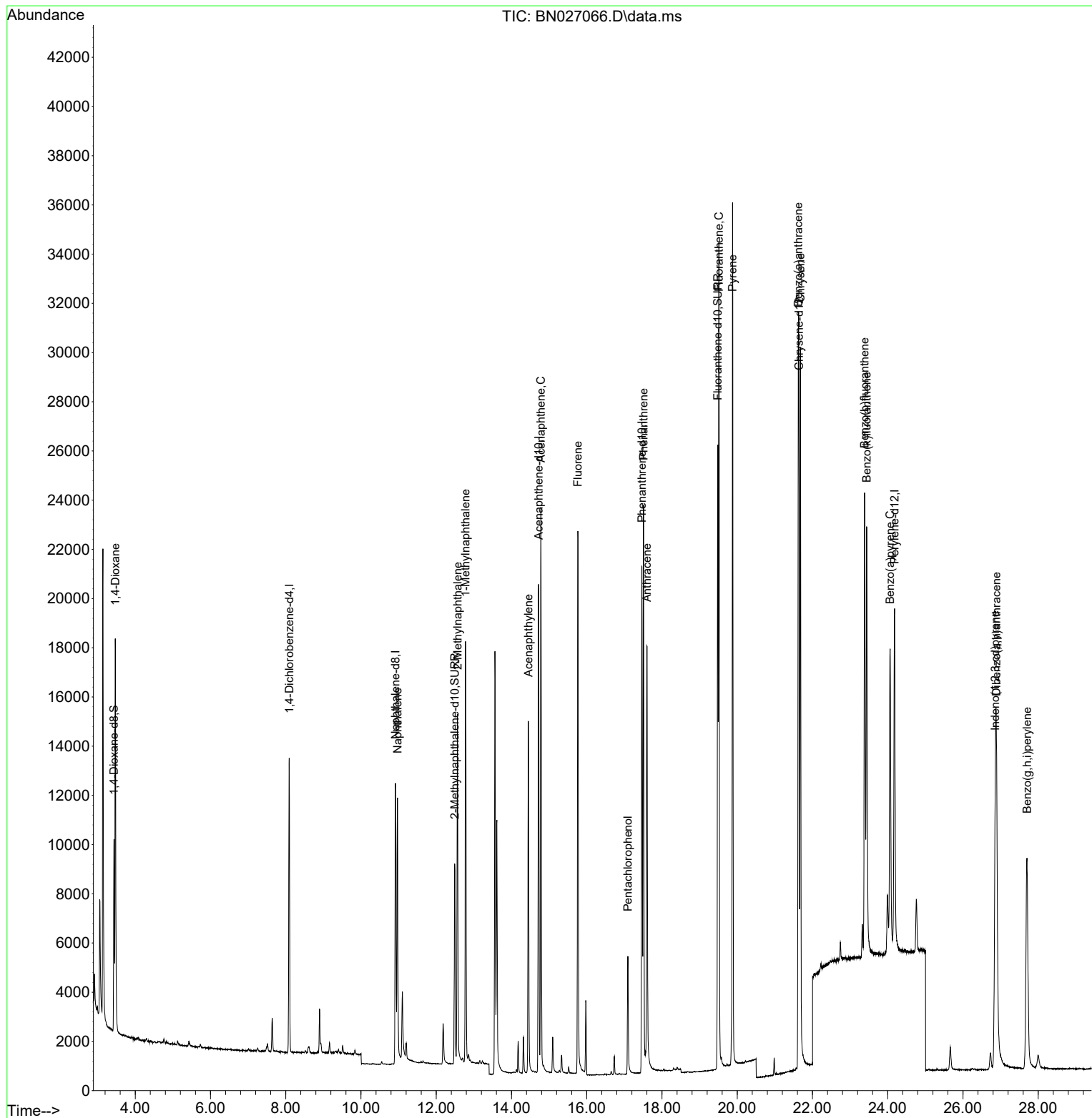
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	6195	0.400	ng/ul	0.00
4) Naphthalene-d8	10.916	136	17759	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.722	164	11540	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.468	188	26627	0.400	ng/ul	0.00
17) Chrysene-d12	21.641	240	21826	0.400	ng/ul	0.00
23) Perylene-d12	24.181	264	21074	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.435	96	5391	0.733	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.489	152	11212	0.429	ng/ul	0.00
18) Fluoranthene-d10	19.482	212	28661	0.416	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.473	88	11913	1.587	ng/ul#	95
5) Naphthalene	10.971	128	15531	0.309	ng/ul	99
7) 2-Methylnaphthalene	12.566	142	10665	0.351	ng/ul	100
8) 1-Methylnaphthalene	12.781	142	11915	0.374	ng/ul	99
10) Acenaphthylene	14.449	152	17032	0.263	ng/ul	99
11) Acenaphthene	14.782	153	13266	0.296	ng/ul	99
12) Fluorene	15.762	166	15111	0.299	ng/ul	99
14) Pentachlorophenol	17.092	266	3554	0.472	ng/ul	100
15) Phenanthrene	17.510	178	25188	0.288	ng/ul	100
16) Anthracene	17.603	178	21707	0.275	ng/ul	100
19) Fluoranthene	19.515	202	29934	0.330	ng/ul	98
20) Pyrene	19.878	202	31033	0.321	ng/ul	100
21) Benzo(a)anthracene	21.624	228	25831	0.298	ng/ul	100
22) Chrysene	21.679	228	27227	0.318	ng/ul	99
24) Benzo(b)fluoranthene	23.386	252	27336	0.343	ng/ul	95
25) Benzo(k)fluoranthene	23.442	252	27272	0.347	ng/ul#	93
26) Benzo(a)pyrene	24.064	252	22276	0.310	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.857	276	26160	0.278	ng/ul#	48
28) Dibenzo(a,h)anthracene	26.891	278	20638	0.275	ng/ul	96
29) Benzo(g,h,i)perylene	27.702	276	21921	0.280	ng/ul	98

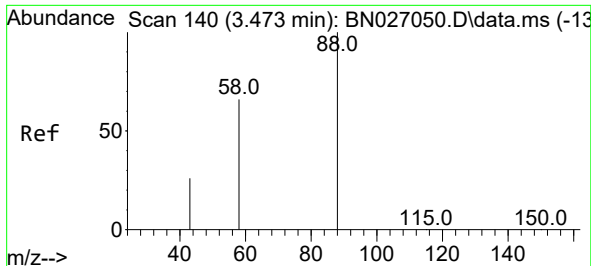
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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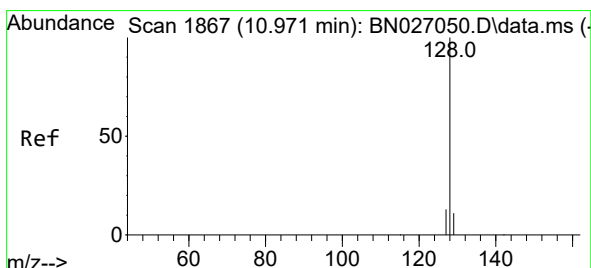
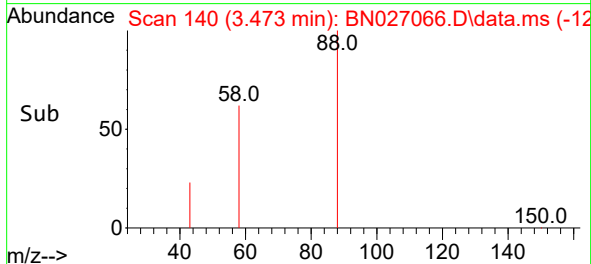
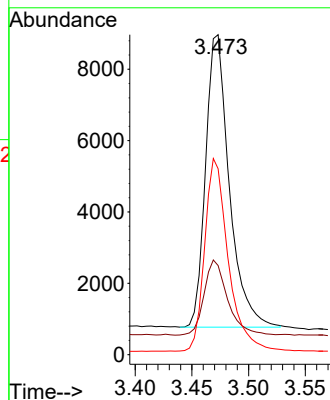
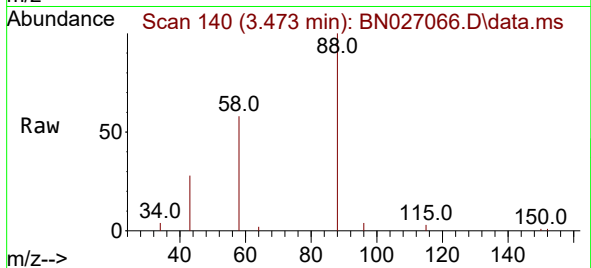




#2
1,4-Dioxane
Concen: 1.587 ng/ul
RT: 3.473 min Scan# 14
Delta R.T. -0.004 min
Lab File: BN027066.D
Acq: 23 Aug 2023 17:51

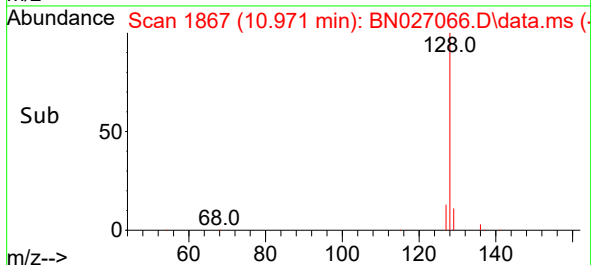
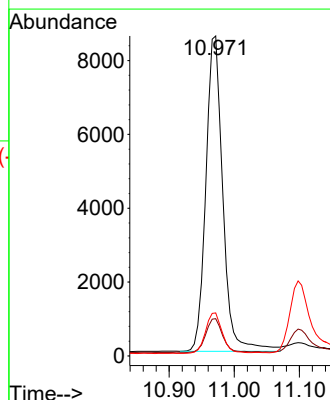
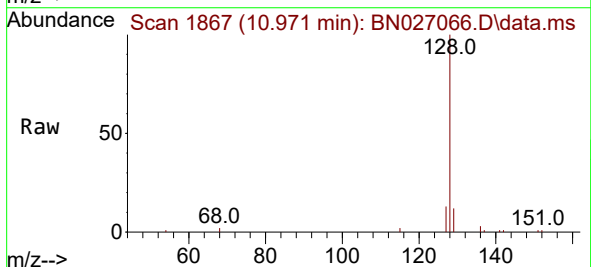
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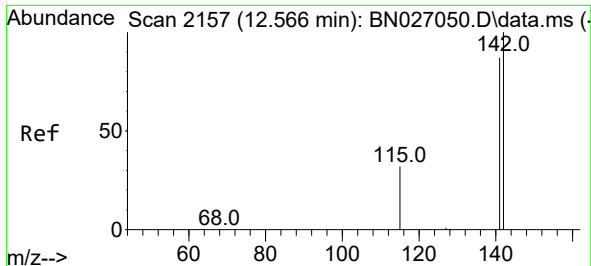
Tgt Ion: 88 Resp: 11913
Ion Ratio Lower Upper
88 100
43 27.8 28.0 42.0#
58 58.1 46.0 69.0



#5
Naphthalene
Concen: 0.309 ng/ul
RT: 10.971 min Scan# 1867
Delta R.T. 0.000 min
Lab File: BN027066.D
Acq: 23 Aug 2023 17:51

Tgt Ion:128 Resp: 15531
Ion Ratio Lower Upper
128 100
129 11.6 9.2 13.8
127 13.5 10.5 15.7

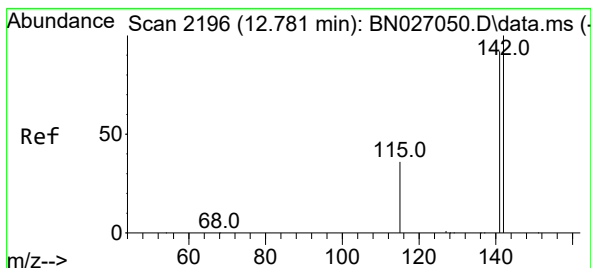
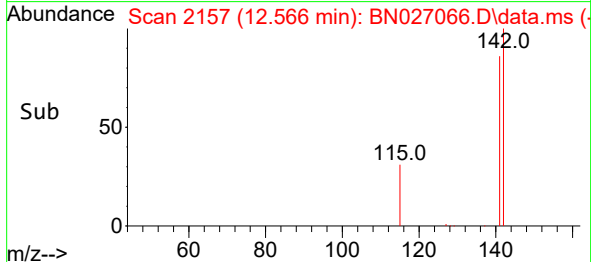
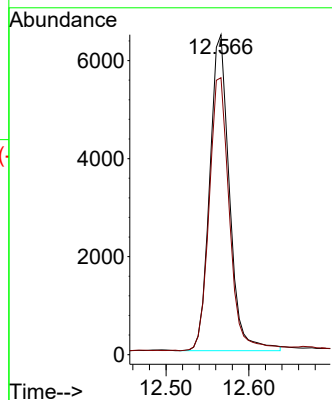
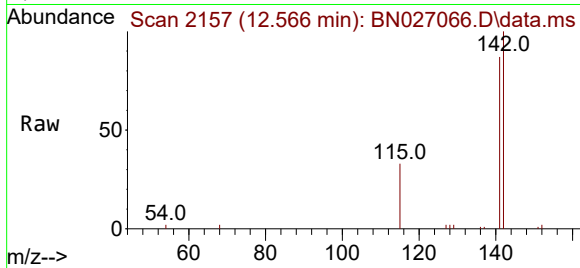




#7
2-Methylnaphthalene
Concen: 0.351 ng/ul
RT: 12.566 min Scan# 2157
Delta R.T. 0.000 min
Lab File: BN027066.D
Acq: 23 Aug 2023 17:51

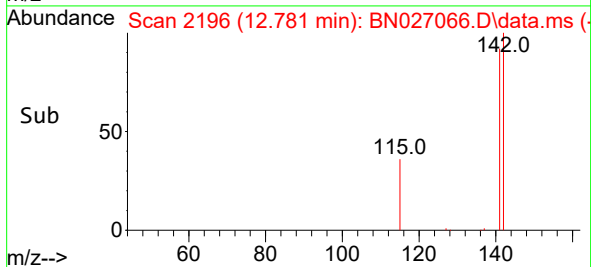
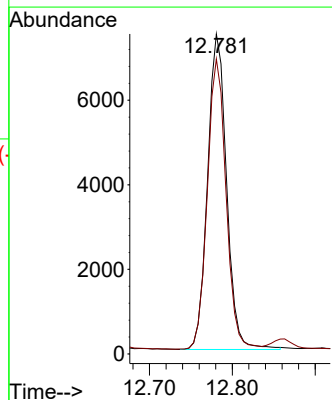
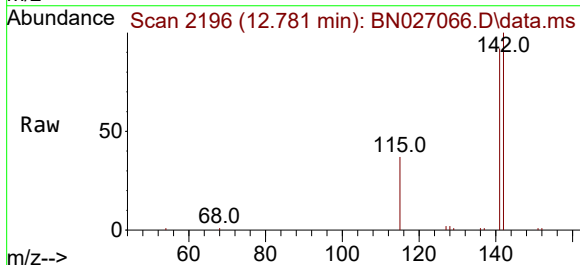
Instrument :
BNA_N
ClientSampleId :
SLCS938

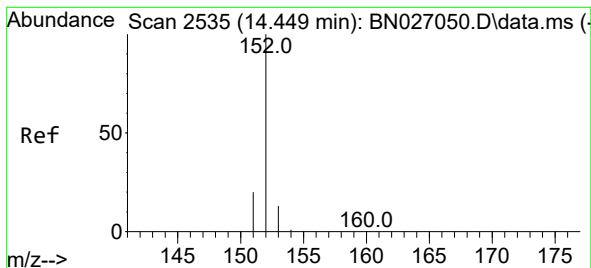
Tgt Ion:142 Resp: 10665
Ion Ratio Lower Upper
142 100
141 88.5 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.374 ng/ul
RT: 12.781 min Scan# 2196
Delta R.T. -0.005 min
Lab File: BN027066.D
Acq: 23 Aug 2023 17:51

Tgt Ion:142 Resp: 11915
Ion Ratio Lower Upper
142 100
141 90.8 73.2 109.8





#10

Acenaphthylene

Concen: 0.263 ng/ul

RT: 14.449 min Scan# 2535

Delta R.T. -0.005 min

Lab File: BN027066.D

Acq: 23 Aug 2023 17:51

Instrument :

BNA_N

ClientSampleId :

SLCS938

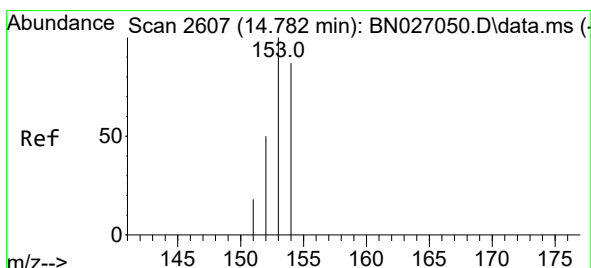
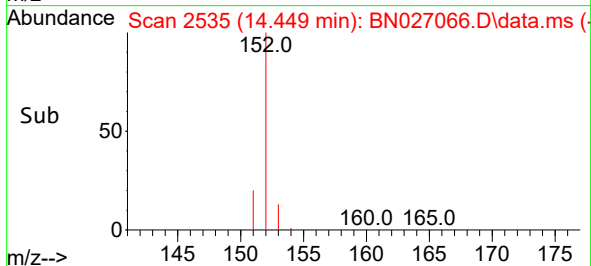
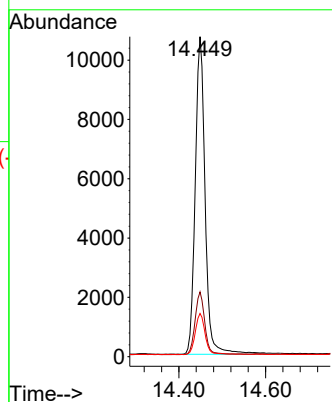
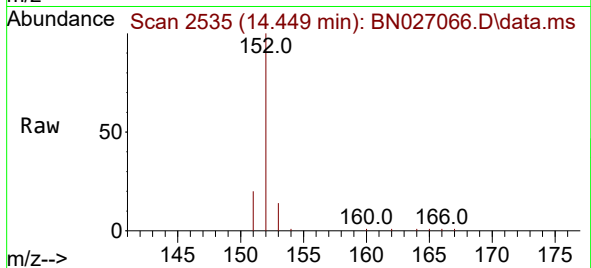
Tgt Ion:152 Resp: 17032

Ion Ratio Lower Upper

152 100

151 20.2 15.9 23.9

153 13.5 11.0 16.6



#11

Acenaphthene

Concen: 0.296 ng/ul

RT: 14.782 min Scan# 2607

Delta R.T. -0.005 min

Lab File: BN027066.D

Acq: 23 Aug 2023 17:51

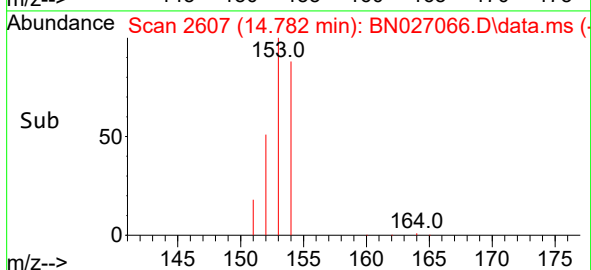
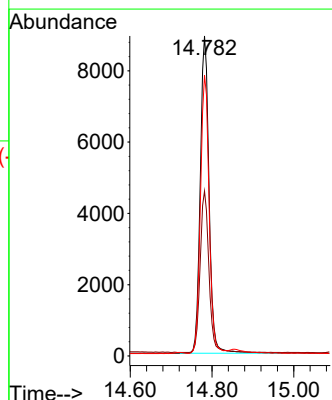
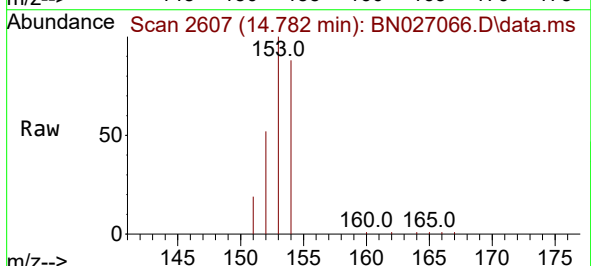
Tgt Ion:153 Resp: 13266

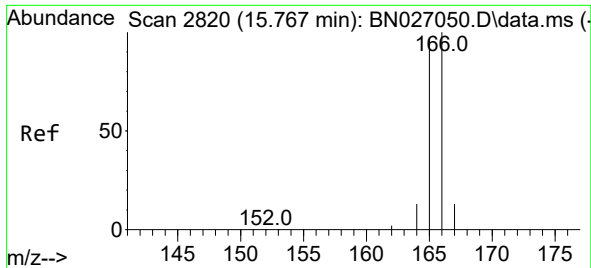
Ion Ratio Lower Upper

153 100

152 51.5 41.1 61.7

154 87.7 71.6 107.4

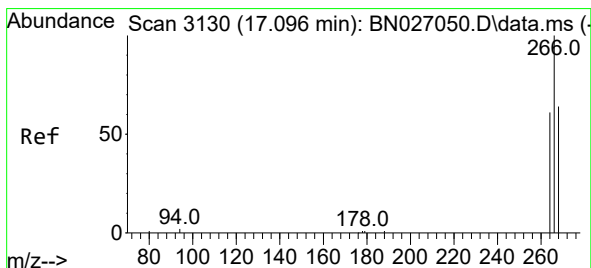
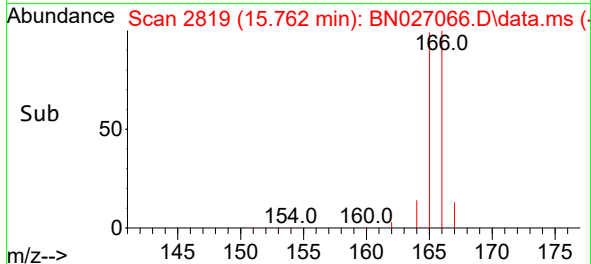
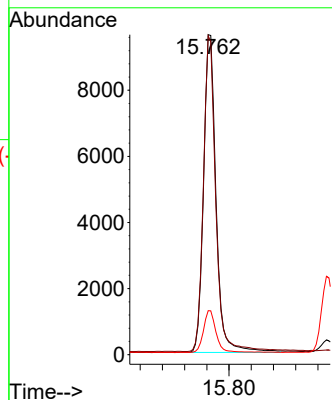
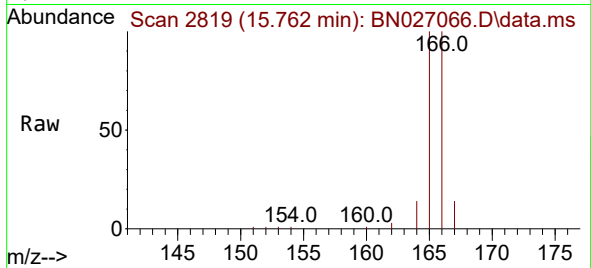




#12
Fluorene
Concen: 0.299 ng/ul
RT: 15.762 min Scan# 2819
Delta R.T. -0.005 min
Lab File: BN027066.D
Acq: 23 Aug 2023 17:51

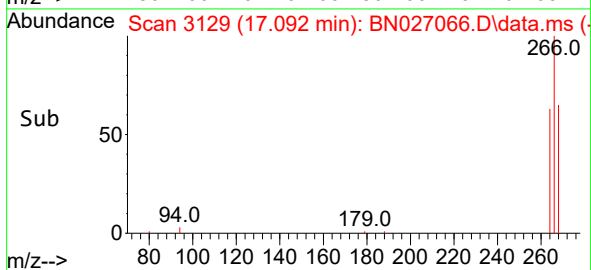
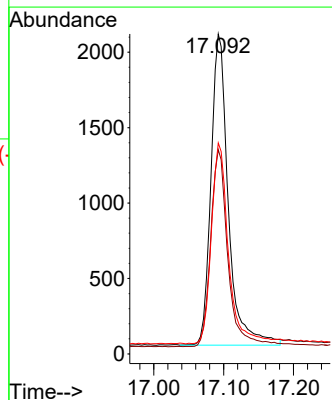
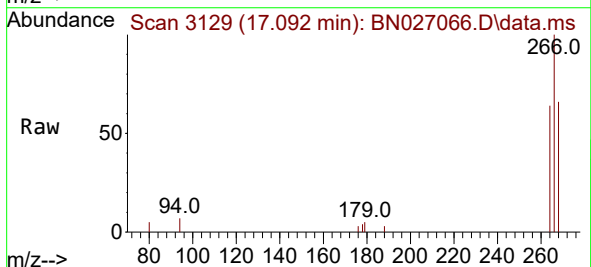
Instrument :
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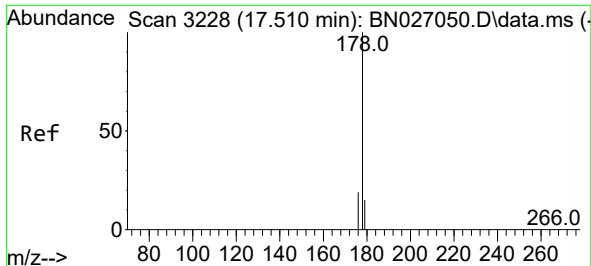
Tgt Ion:166 Resp: 15111
Ion Ratio Lower Upper
166 100
165 99.7 79.1 118.7
167 13.8 11.4 17.0



#14
Pentachlorophenol
Concen: 0.472 ng/ul
RT: 17.092 min Scan# 3129
Delta R.T. -0.005 min
Lab File: BN027066.D
Acq: 23 Aug 2023 17:51

Tgt Ion:266 Resp: 3554
Ion Ratio Lower Upper
266 100
264 63.0 50.4 75.6
268 64.4 51.2 76.8

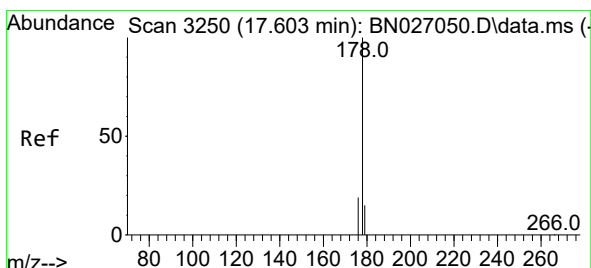
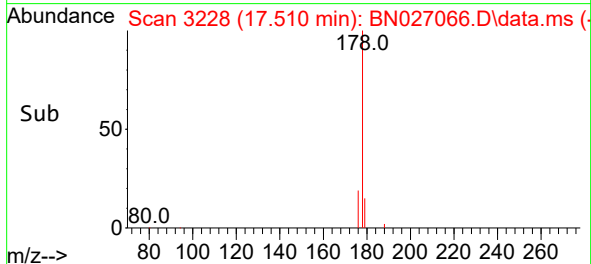
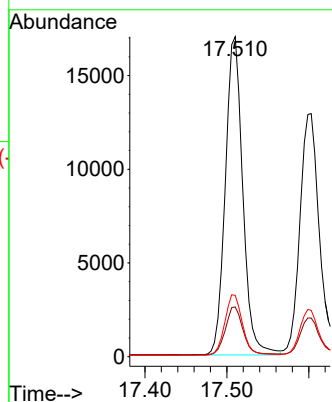
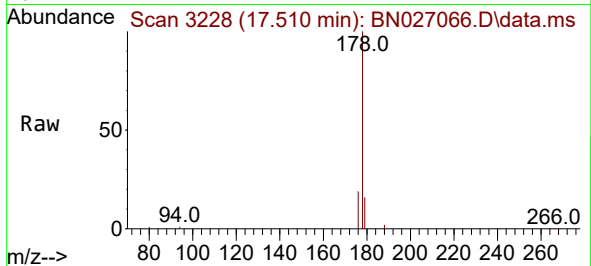




#15
Phenanthrene
Concen: 0.288 ng/ul
RT: 17.510 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN027066.D
Acq: 23 Aug 2023 17:51

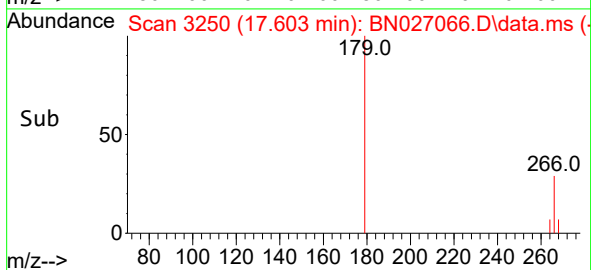
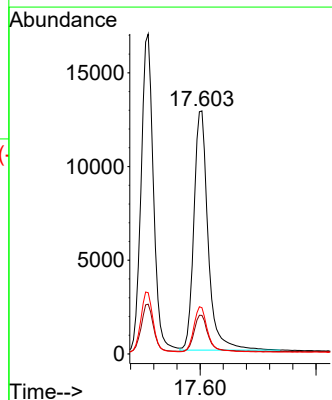
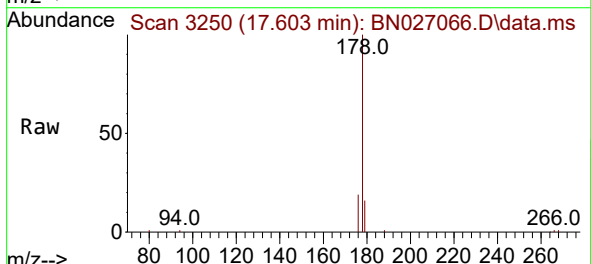
Instrument :
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ClientSampleId :
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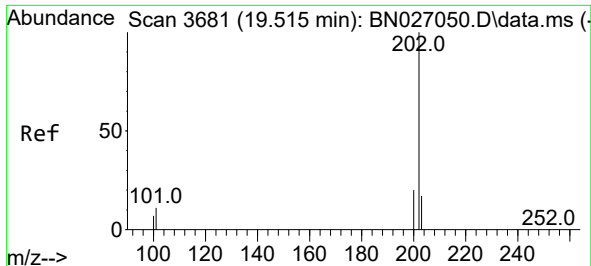
Tgt Ion:178 Resp: 25188
Ion Ratio Lower Upper
178 100
179 15.5 12.6 18.8
176 19.1 15.4 23.2



#16
Anthracene
Concen: 0.275 ng/ul
RT: 17.603 min Scan# 3250
Delta R.T. -0.000 min
Lab File: BN027066.D
Acq: 23 Aug 2023 17:51

Tgt Ion:178 Resp: 21707
Ion Ratio Lower Upper
178 100
179 15.9 12.6 19.0
176 19.0 15.0 22.6

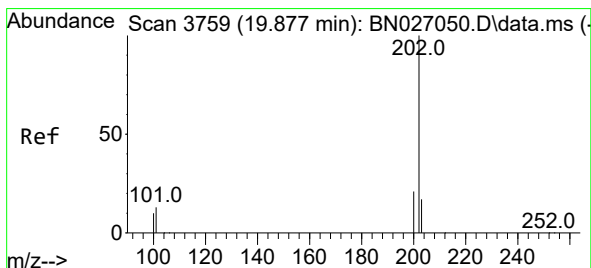
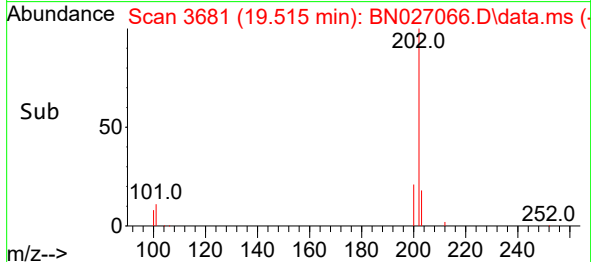
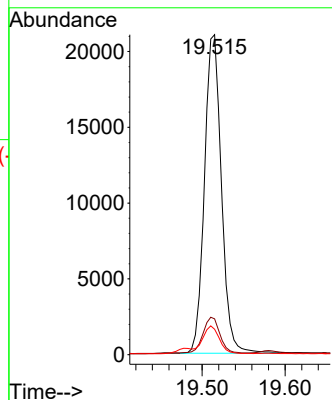
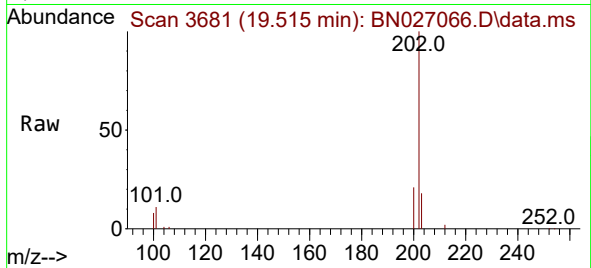




#19
Fluoranthene
Concen: 0.330 ng/ul
RT: 19.515 min Scan# 3681
Delta R.T. -0.000 min
Lab File: BN027066.D
Acq: 23 Aug 2023 17:51

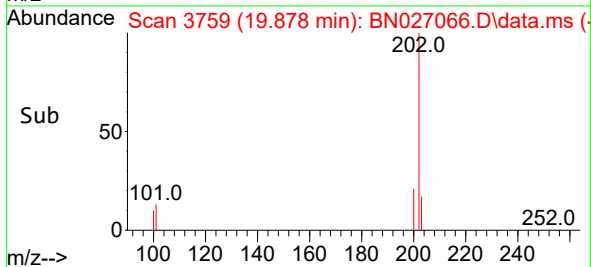
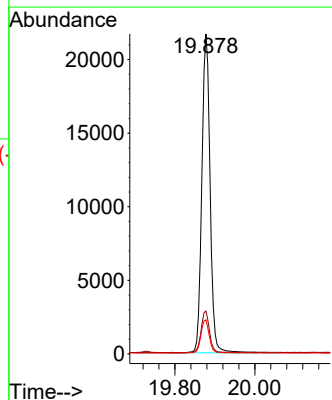
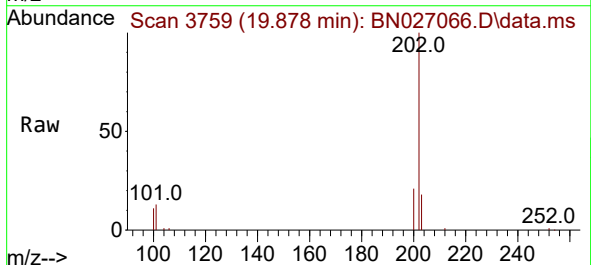
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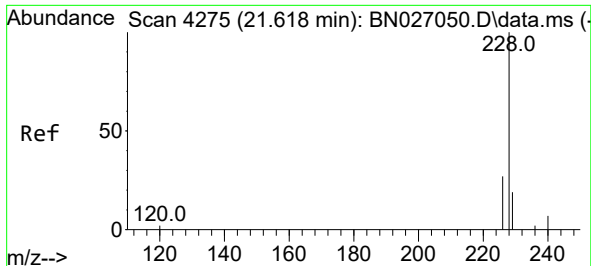
Tgt Ion:202 Resp: 29934
Ion Ratio Lower Upper
202 100
101 11.2 8.3 12.5
100 7.9 6.2 9.2



#20
Pyrene
Concen: 0.321 ng/ul
RT: 19.878 min Scan# 3759
Delta R.T. -0.005 min
Lab File: BN027066.D
Acq: 23 Aug 2023 17:51

Tgt Ion:202 Resp: 31033
Ion Ratio Lower Upper
202 100
101 13.4 10.7 16.1
100 10.6 8.5 12.7

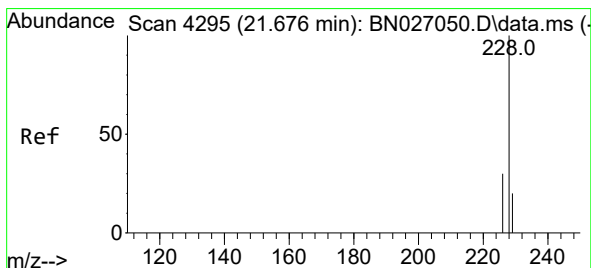
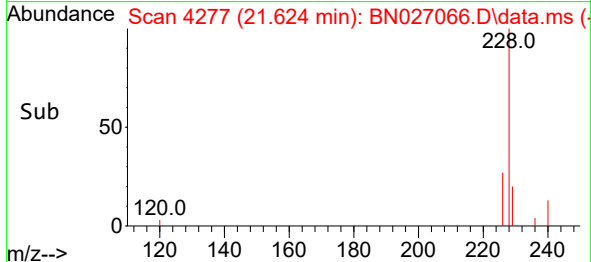
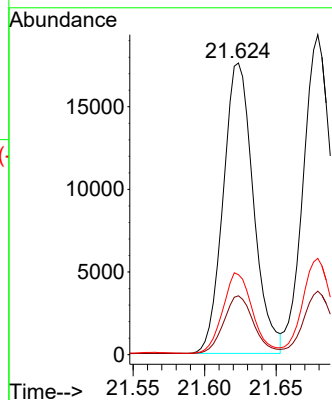
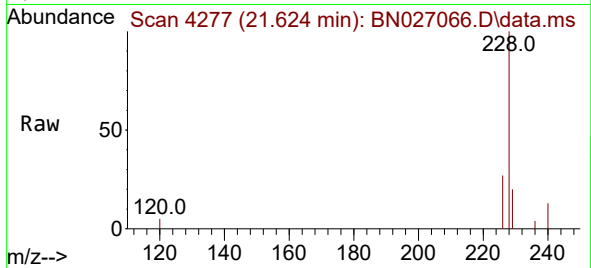




#21
Benzo(a)anthracene
Concen: 0.298 ng/ul
RT: 21.624 min Scan# 4277
Delta R.T. 0.003 min
Lab File: BN027066.D
Acq: 23 Aug 2023 17:51

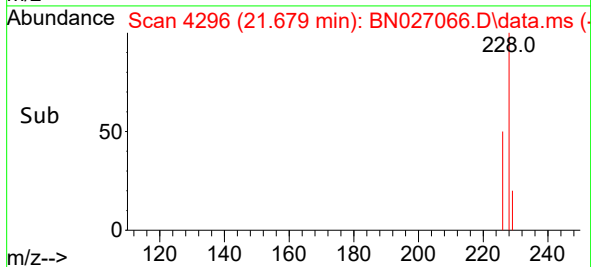
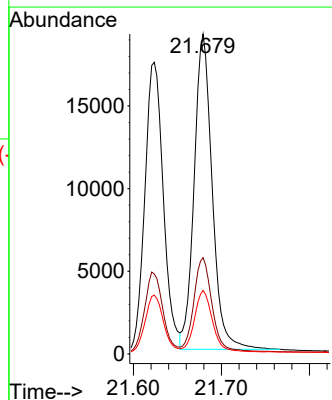
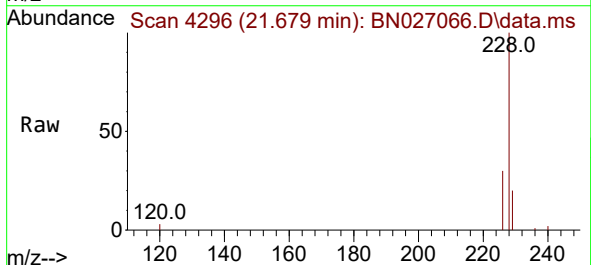
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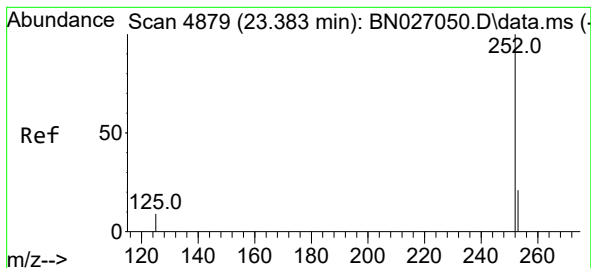
Tgt Ion:228 Resp: 25831
Ion Ratio Lower Upper
228 100
229 20.2 16.0 24.0
226 27.4 22.2 33.2



#22
Chrysene
Concen: 0.318 ng/ul
RT: 21.679 min Scan# 4296
Delta R.T. 0.003 min
Lab File: BN027066.D
Acq: 23 Aug 2023 17:51

Tgt Ion:228 Resp: 27227
Ion Ratio Lower Upper
228 100
226 30.1 24.6 36.8
229 19.9 15.8 23.6





#24

Benzo(b)fluoranthene

Concen: 0.343 ng/ul

RT: 23.386 min Scan# 4880

Delta R.T. -0.000 min

Lab File: BN027066.D

Acq: 23 Aug 2023 17:51

Instrument :

BNA_N

ClientSampleId :

SLCS938

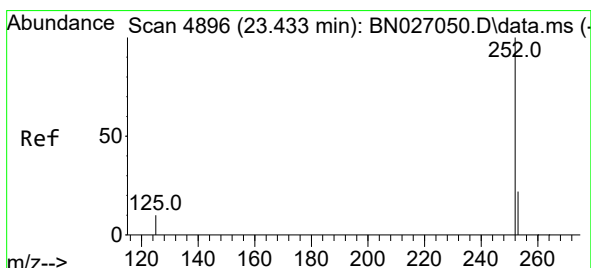
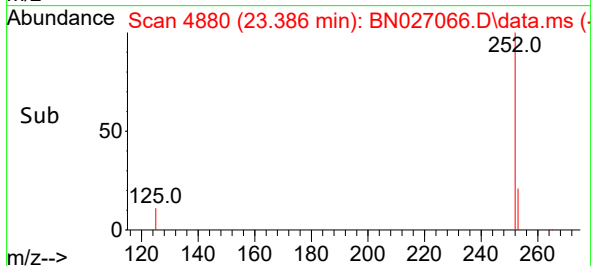
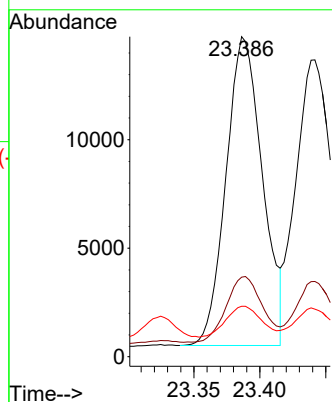
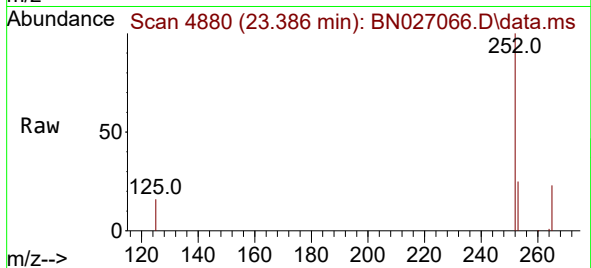
Tgt Ion:252 Resp: 27336

Ion Ratio Lower Upper

252 100

253 24.8 0.0 46.8

125 15.8 0.0 25.2



#25

Benzo(k)fluoranthene

Concen: 0.347 ng/ul

RT: 23.442 min Scan# 4899

Delta R.T. 0.003 min

Lab File: BN027066.D

Acq: 23 Aug 2023 17:51

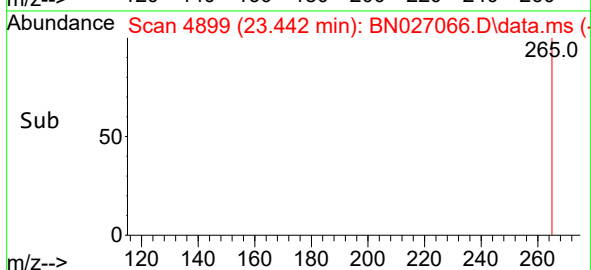
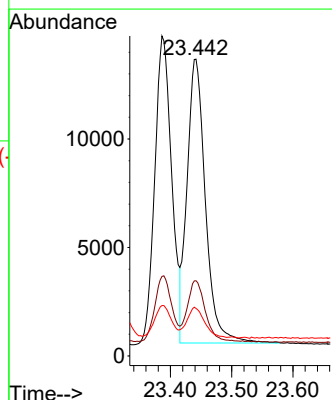
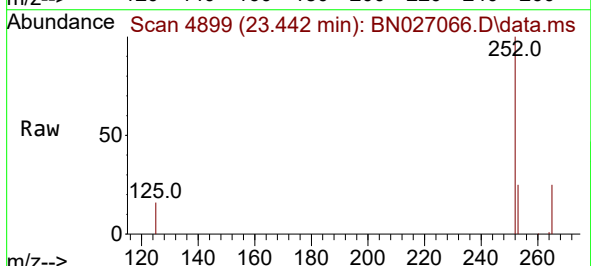
Tgt Ion:252 Resp: 27272

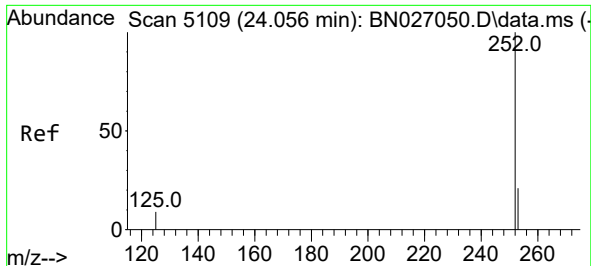
Ion Ratio Lower Upper

252 100

253 25.3 18.2 27.4

125 16.0 9.9 14.9#

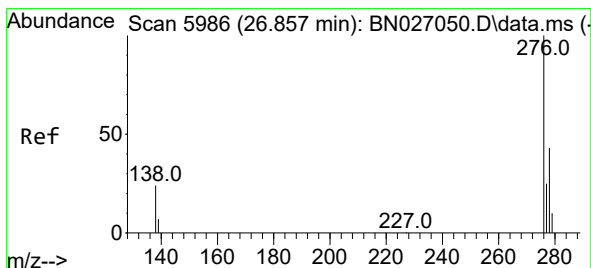
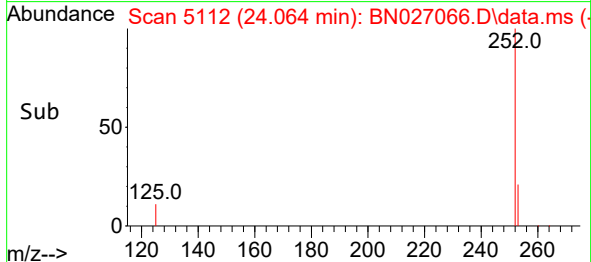
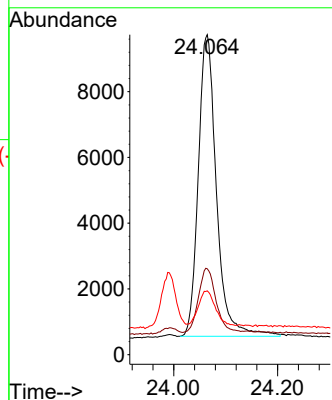
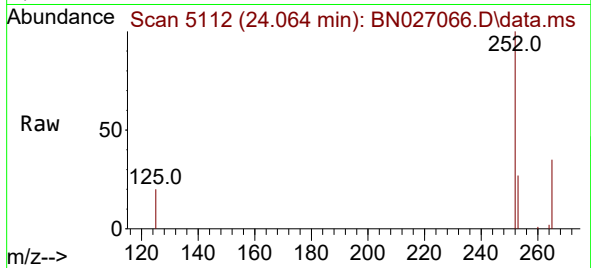




#26
Benzo(a)pyrene
Concen: 0.310 ng/ul
RT: 24.064 min Scan# 5109
Delta R.T. 0.003 min
Lab File: BN027066.D
Acq: 23 Aug 2023 17:51

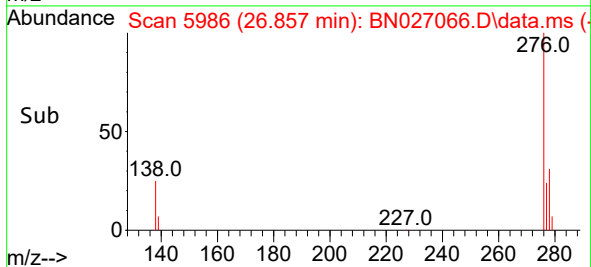
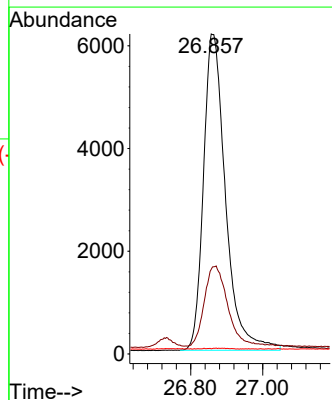
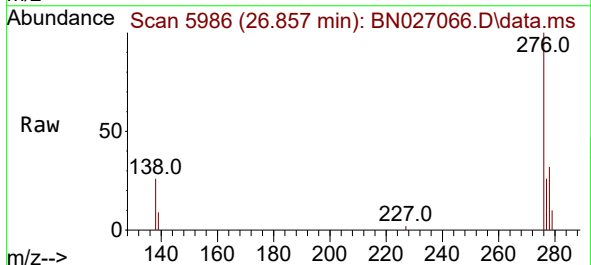
Instrument :
BNA_N
ClientSampleId :
SLCS938

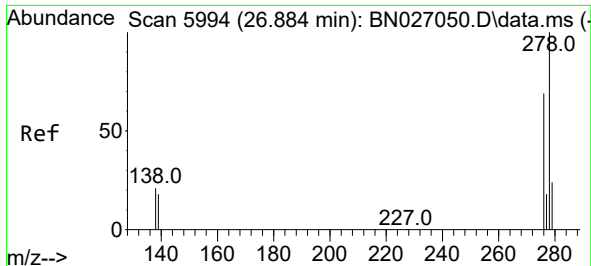
Tgt Ion:252 Resp: 22276
Ion Ratio Lower Upper
252 100
253 26.9 19.0 28.6
125 19.9 11.4 17.0#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.278 ng/ul
RT: 26.857 min Scan# 5986
Delta R.T. 0.003 min
Lab File: BN027066.D
Acq: 23 Aug 2023 17:51

Tgt Ion:276 Resp: 26160
Ion Ratio Lower Upper
276 100
138 0.0 21.6 32.4#
227 0.0 0.0 0.0#

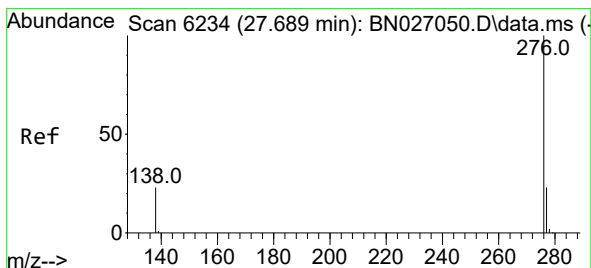
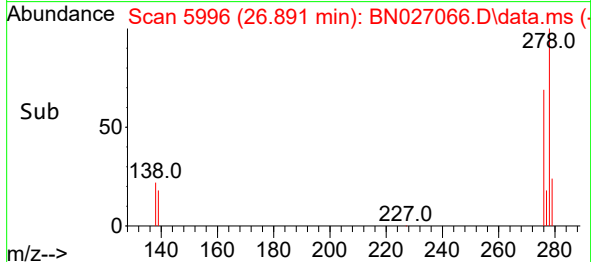
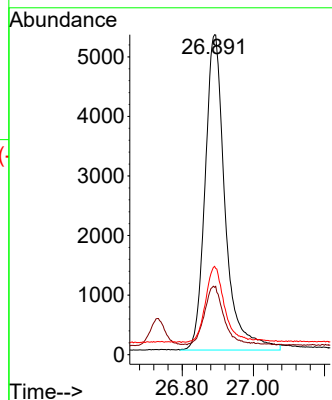
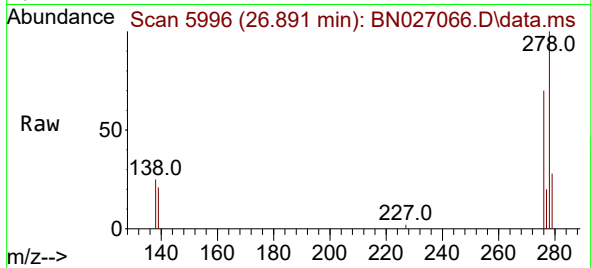




#28
 Dibenzo(a,h)anthracene
 Concen: 0.275 ng/ul
 RT: 26.891 min Scan# 5996
 Delta R.T. 0.006 min
 Lab File: BN027066.D
 Acq: 23 Aug 2023 17:51

Instrument :
 BNA_N
 ClientSampleId :
 SLCS938

Tgt Ion:278 Resp: 20638
 Ion Ratio Lower Upper
 278 100
 139 21.1 15.7 23.5
 279 27.6 20.2 30.4



#29
 Benzo(g,h,i)perylene
 Concen: 0.280 ng/ul
 RT: 27.702 min Scan# 6238
 Delta R.T. 0.006 min
 Lab File: BN027066.D
 Acq: 23 Aug 2023 17:51

Tgt Ion:276 Resp: 21921
 Ion Ratio Lower Upper
 276 100
 138 25.6 19.3 28.9
 277 25.5 19.8 29.8

