

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080323\
 Data File : BN026807.D
 Acq On : 03 Aug 2023 15:51
 Operator : MA/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SICV243

Quant Time: Aug 04 03:47:56 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 : Fri Aug 04 03:46:36 2023
 Response via : Initial Calibration

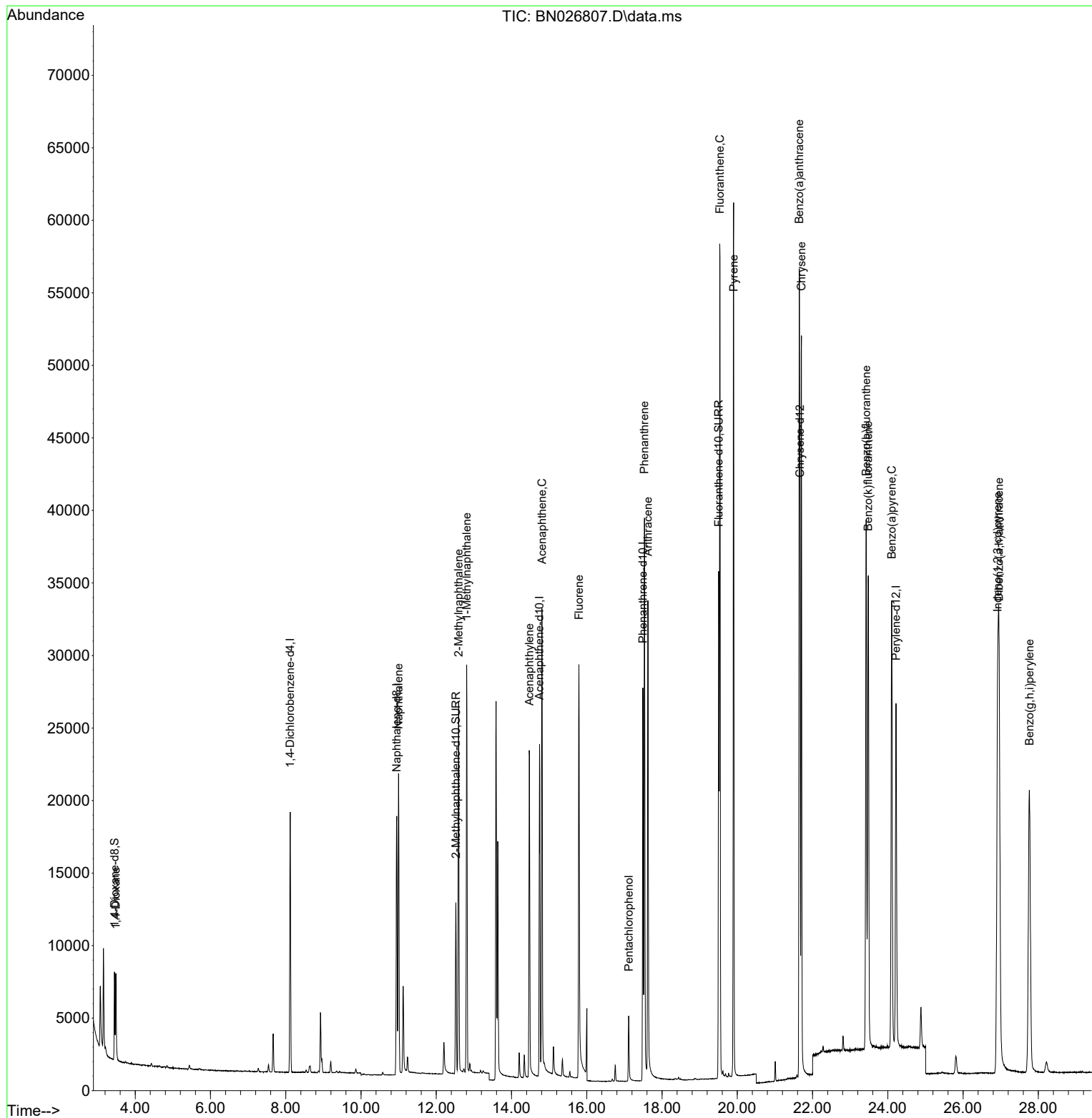
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.118	152	8994	0.400	ng/ul	0.00
4) Naphthalene-d8	10.949	136	25615	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.745	164	13416	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.489	188	32951	0.400	ng/ul	0.00
17) Chrysene-d12	21.665	240	29767	0.400	ng/ul	0.00
23) Perylene-d12	24.220	264	34278	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.448	96	4298	0.403	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.522	152	15623	0.415	ng/ul	0.00
18) Fluoranthene-d10	19.506	212	37707	0.401	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.486	88	4287	0.393	ng/ul	92
5) Naphthalene	10.999	128	28825	0.398	ng/ul	100
7) 2-Methylnaphthalene	12.594	142	18202	0.415	ng/ul	100
8) 1-Methylnaphthalene	12.808	142	19069	0.416	ng/ul	100
10) Acenaphthylene	14.472	152	27976	0.372	ng/ul	99
11) Acenaphthene	14.809	153	20143	0.387	ng/ul	99
12) Fluorene	15.790	166	21621	0.367	ng/ul	98
14) Pentachlorophenol	17.114	266	3199	0.343	ng/ul	100
15) Phenanthrene	17.532	178	41763	0.386	ng/ul	100
16) Anthracene	17.624	178	37156	0.380	ng/ul	99
19) Fluoranthene	19.538	202	49482	0.400	ng/ul	100
20) Pyrene	19.901	202	51666	0.392	ng/ul	98
21) Benzo(a)anthracene	21.647	228	46538	0.393	ng/ul	99
22) Chrysene	21.703	228	46305	0.396	ng/ul	100
24) Benzo(b)fluoranthene	23.424	252	52142	0.402	ng/ul	99
25) Benzo(k)fluoranthene	23.480	252	50775	0.397	ng/ul	99
26) Benzo(a)pyrene	24.103	252	47866	0.409	ng/ul#	96
27) Indeno(1,2,3-cd)pyrene	26.918	276	62082	0.406	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.958	278	49065	0.402	ng/ul	99
29) Benzo(g,h,i)perylene	27.763	276	50313	0.395	ng/ul	99

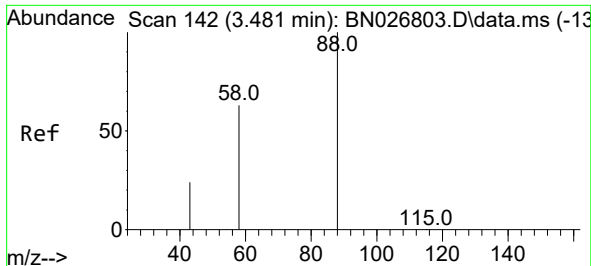
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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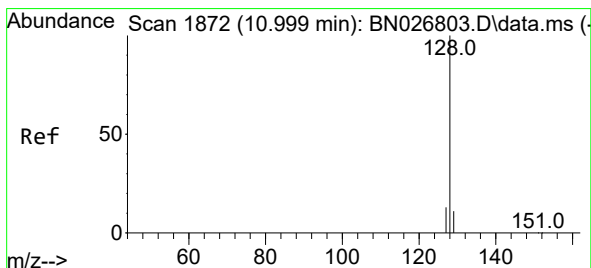
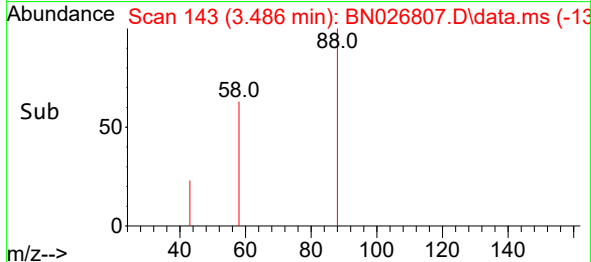
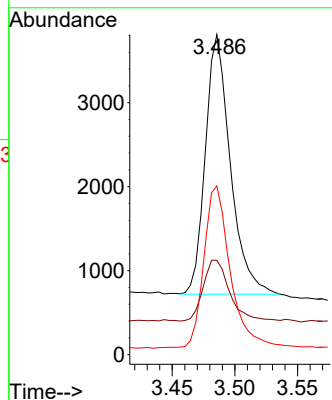
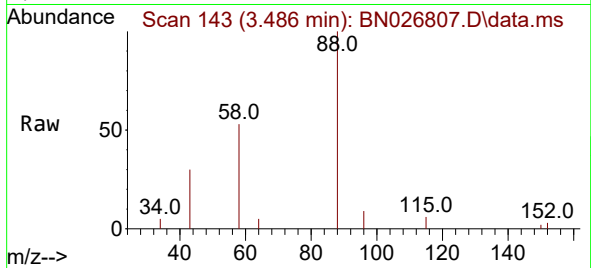




#2
1,4-Dioxane
Concen: 0.393 ng/ul
RT: 3.486 min Scan# 14
Delta R.T. 0.004 min
Lab File: BN026807.D
Acq: 03 Aug 2023 15:51

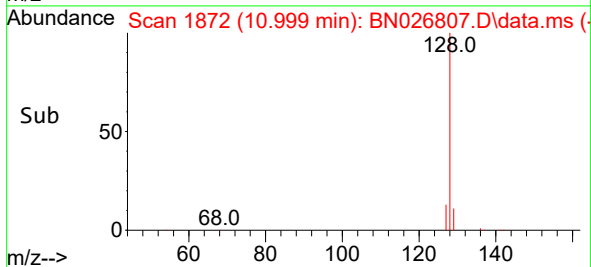
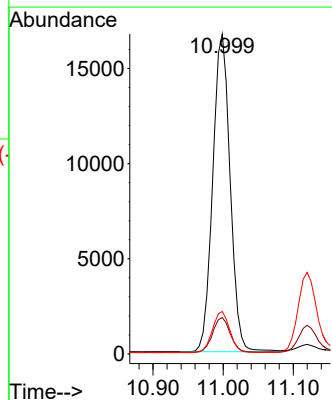
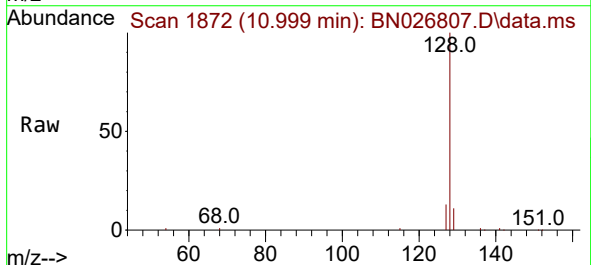
Instrument :
BNA_N
ClientSampleId :
SICV243

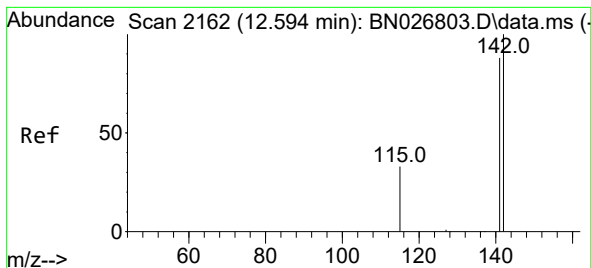
Tgt Ion: 88 Resp: 4287
Ion Ratio Lower Upper
88 100
43 29.5 28.0 42.0
58 52.8 46.0 69.0



#5
Naphthalene
Concen: 0.398 ng/ul
RT: 10.999 min Scan# 1872
Delta R.T. -0.000 min
Lab File: BN026807.D
Acq: 03 Aug 2023 15:51

Tgt Ion:128 Resp: 28825
Ion Ratio Lower Upper
128 100
129 11.4 9.2 13.8
127 13.3 10.5 15.7

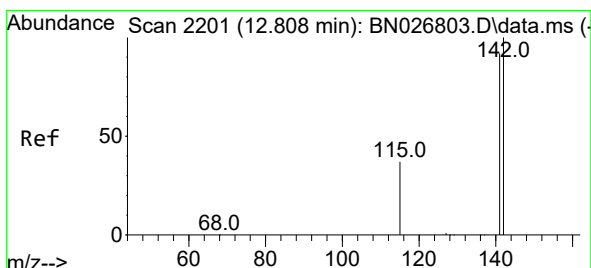
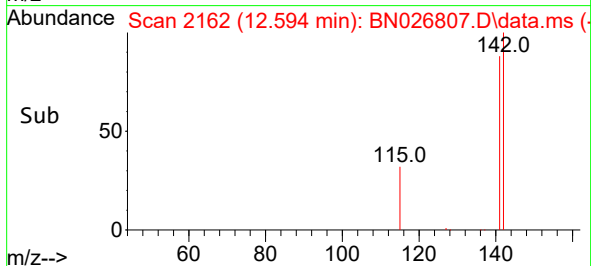
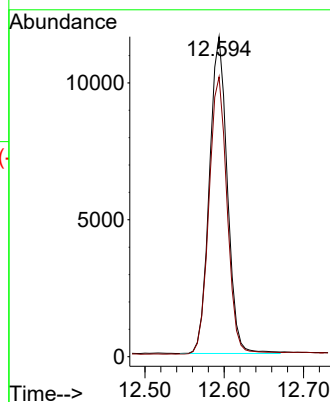
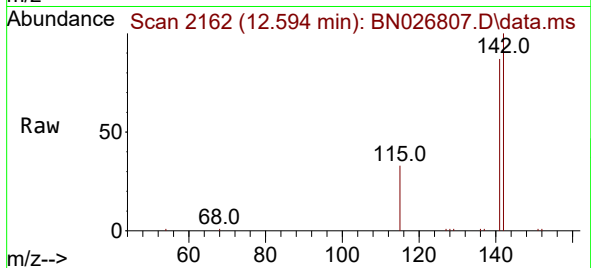




#7
2-Methylnaphthalene
Concen: 0.415 ng/ul
RT: 12.594 min Scan# 2162
Delta R.T. -0.000 min
Lab File: BN026807.D
Acq: 03 Aug 2023 15:51

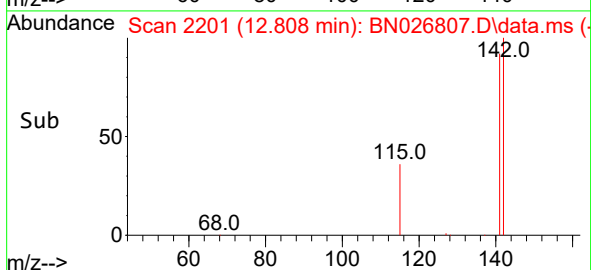
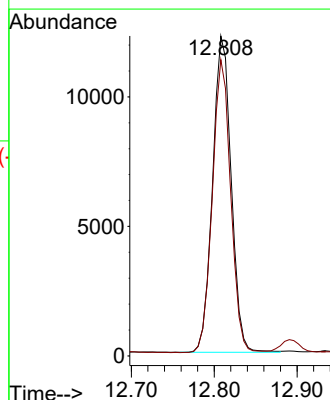
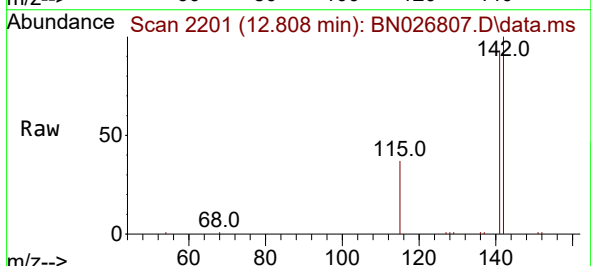
Instrument :
BNA_N
ClientSampleId :
SICV243

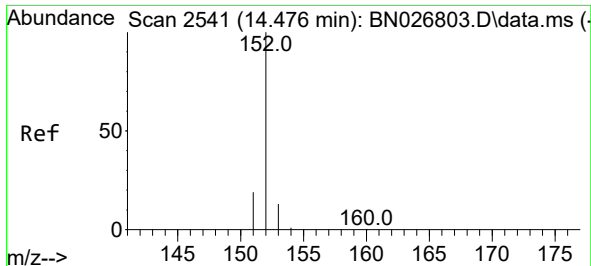
Tgt Ion:142 Resp: 18202
Ion Ratio Lower Upper
142 100
141 88.7 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.416 ng/ul
RT: 12.808 min Scan# 2201
Delta R.T. -0.000 min
Lab File: BN026807.D
Acq: 03 Aug 2023 15:51

Tgt Ion:142 Resp: 19069
Ion Ratio Lower Upper
142 100
141 91.4 73.2 109.8

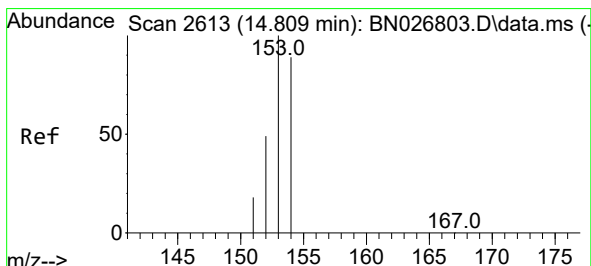
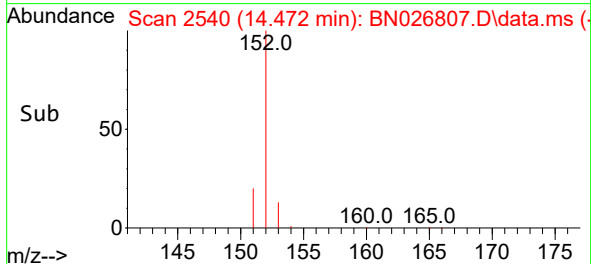
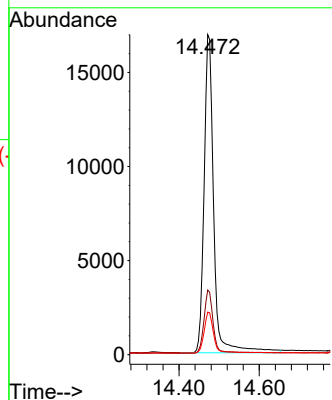
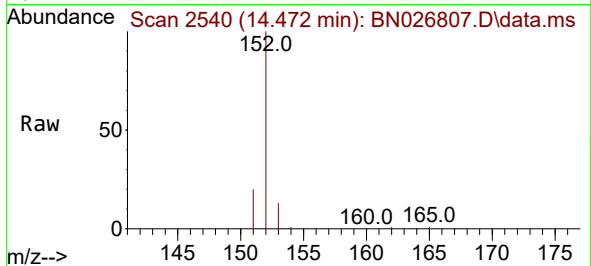




#10
Acenaphthylene
Concen: 0.372 ng/ul
RT: 14.472 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN026807.D
Acq: 03 Aug 2023 15:51

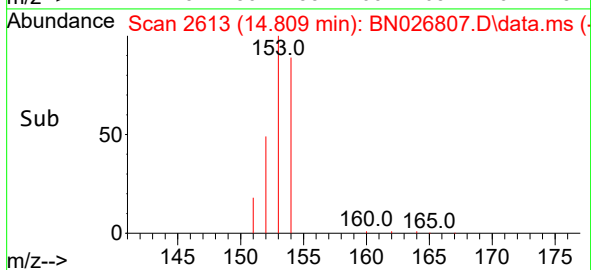
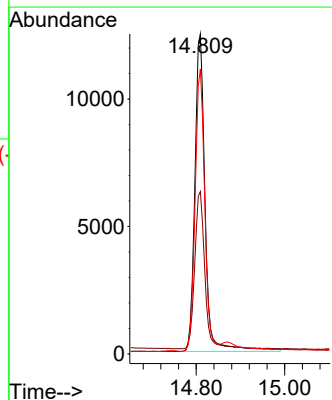
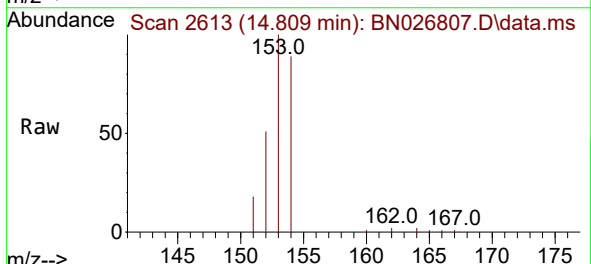
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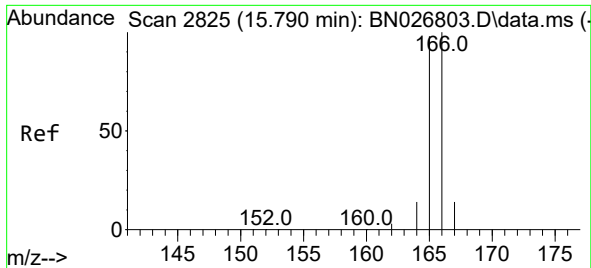
Tgt Ion:152 Resp: 27976
Ion Ratio Lower Upper
152 100
151 20.2 15.9 23.9
153 13.3 11.0 16.6



#11
Acenaphthene
Concen: 0.387 ng/ul
RT: 14.809 min Scan# 2613
Delta R.T. -0.000 min
Lab File: BN026807.D
Acq: 03 Aug 2023 15:51

Tgt Ion:153 Resp: 20143
Ion Ratio Lower Upper
153 100
152 50.7 41.1 61.7
154 89.0 71.6 107.4

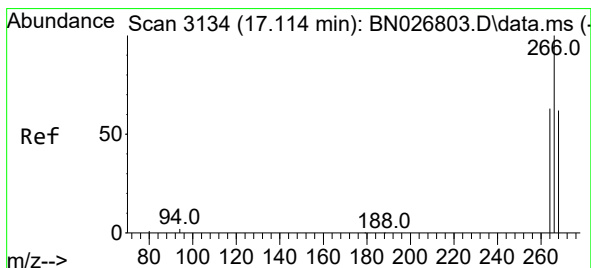
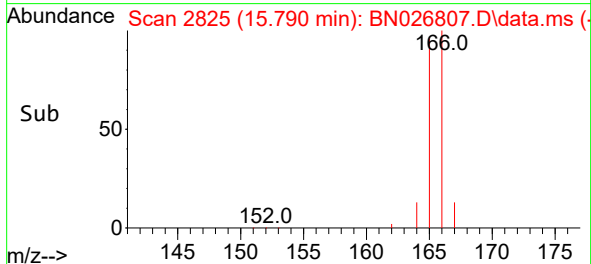
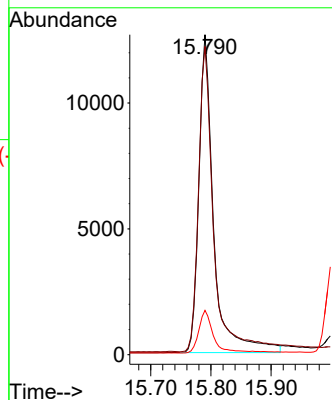
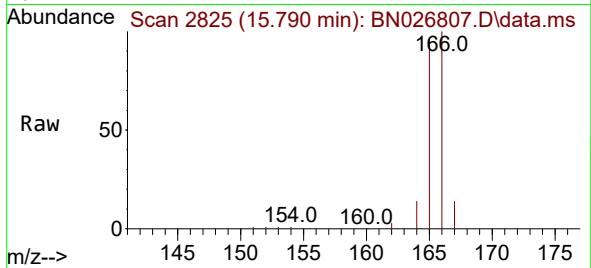




#12
Fluorene
Concen: 0.367 ng/ul
RT: 15.790 min Scan# 21621
Delta R.T. -0.000 min
Lab File: BN026807.D
Acq: 03 Aug 2023 15:51

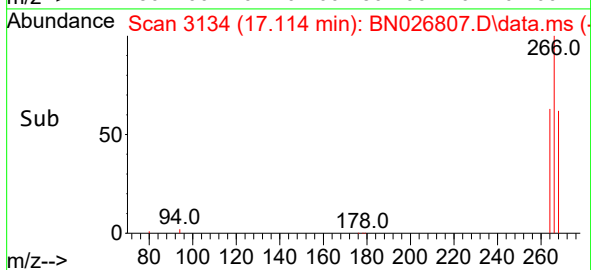
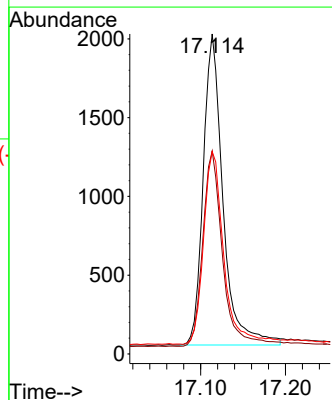
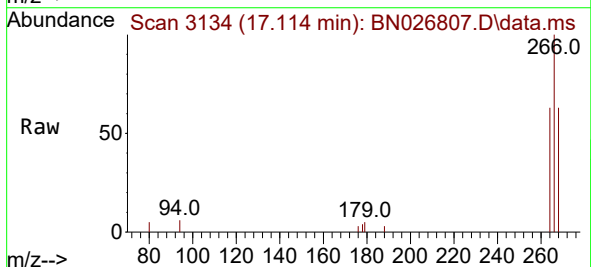
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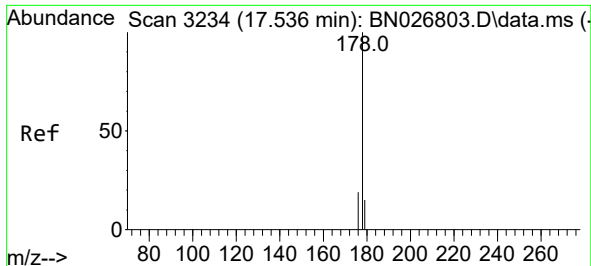
Tgt Ion:166 Resp: 21621
Ion Ratio Lower Upper
166 100
165 96.4 79.1 118.7
167 13.9 11.4 17.0



#14
Pentachlorophenol
Concen: 0.343 ng/ul
RT: 17.114 min Scan# 3134
Delta R.T. -0.000 min
Lab File: BN026807.D
Acq: 03 Aug 2023 15:51

Tgt Ion:266 Resp: 3199
Ion Ratio Lower Upper
266 100
264 62.9 50.4 75.6
268 63.4 51.2 76.8

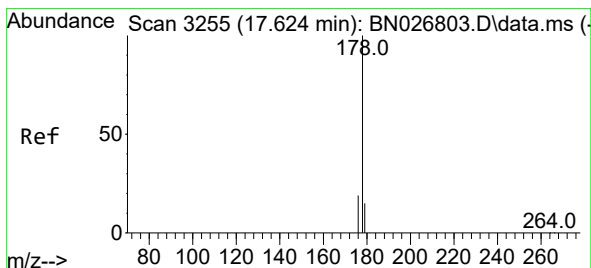
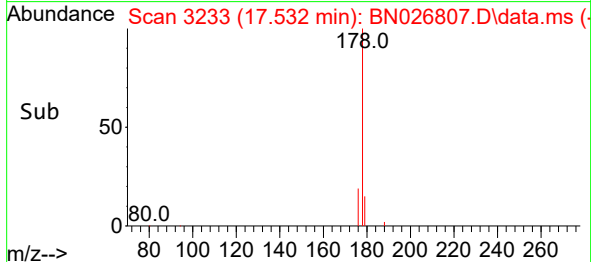
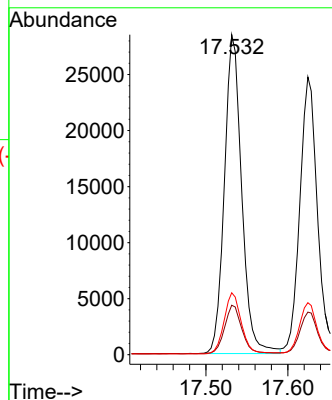
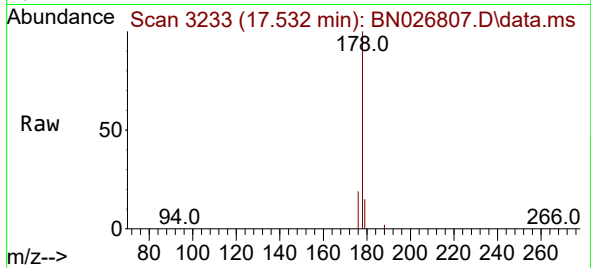




#15
Phenanthrene
Concen: 0.386 ng/ul
RT: 17.532 min Scan# 31
Delta R.T. -0.004 min
Lab File: BN026807.D
Acq: 03 Aug 2023 15:51

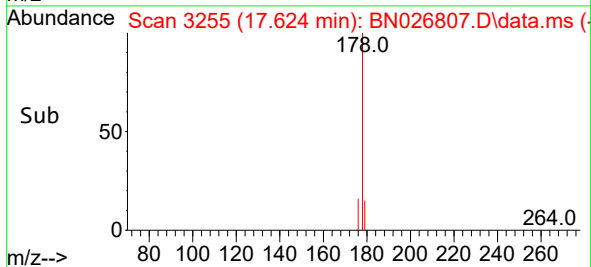
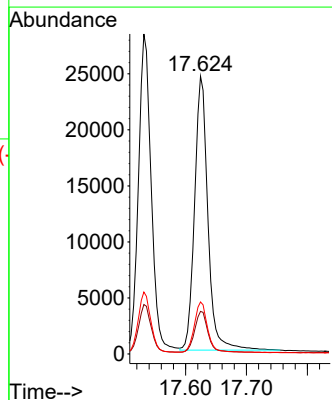
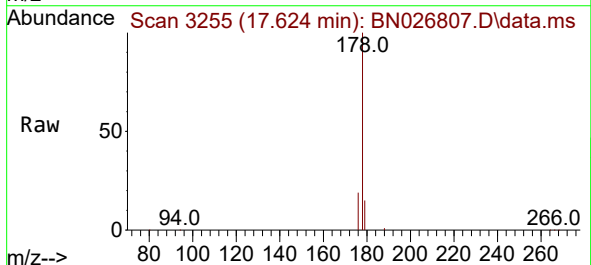
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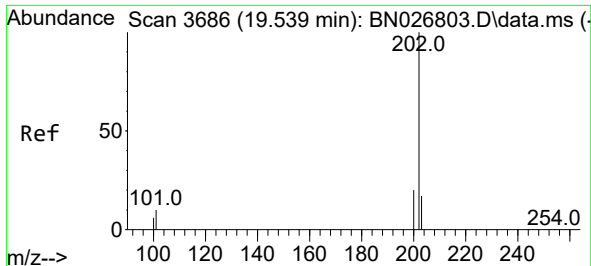
Tgt Ion:178 Resp: 41763
Ion Ratio Lower Upper
178 100
179 15.4 12.6 18.8
176 19.3 15.4 23.2



#16
Anthracene
Concen: 0.380 ng/ul
RT: 17.624 min Scan# 3255
Delta R.T. -0.000 min
Lab File: BN026807.D
Acq: 03 Aug 2023 15:51

Tgt Ion:178 Resp: 37156
Ion Ratio Lower Upper
178 100
179 15.3 12.6 19.0
176 18.7 15.0 22.6

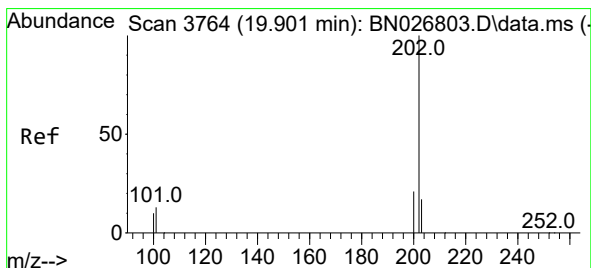
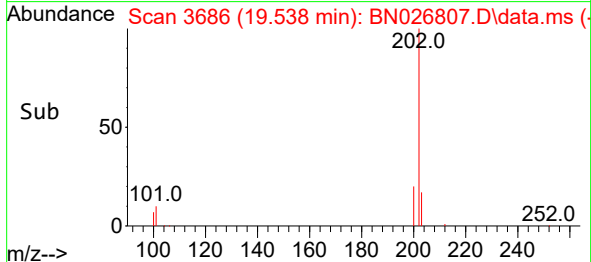
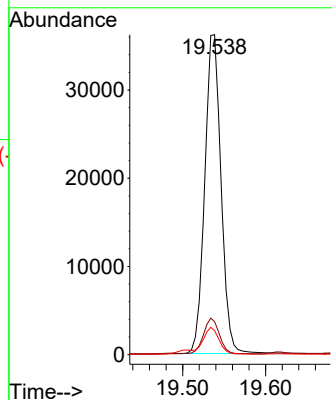
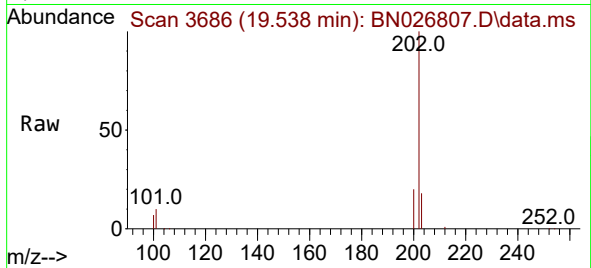




#19
Fluoranthene
Concen: 0.400 ng/ul
RT: 19.538 min Scan# 3686
Delta R.T. -0.000 min
Lab File: BN026807.D
Acq: 03 Aug 2023 15:51

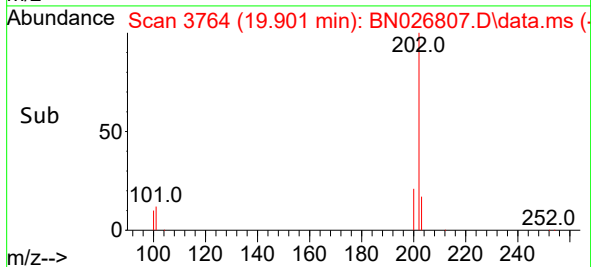
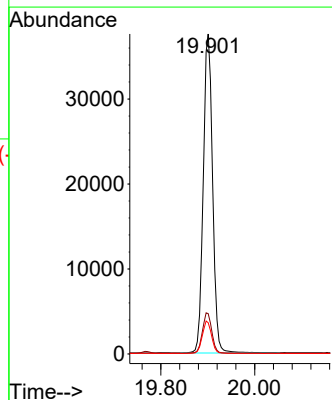
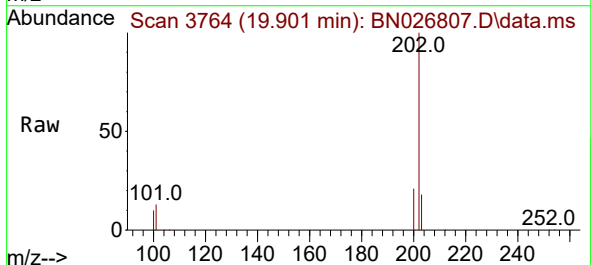
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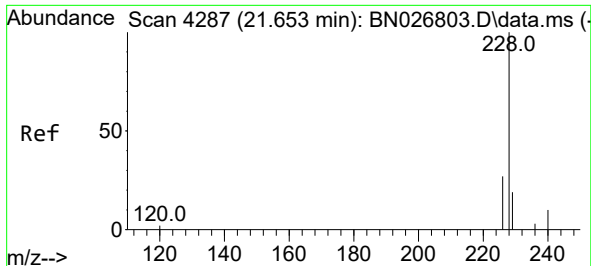
Tgt Ion:202 Resp: 49482
Ion Ratio Lower Upper
202 100
101 10.4 8.3 12.5
100 7.5 6.2 9.2



#20
Pyrene
Concen: 0.392 ng/ul
RT: 19.901 min Scan# 3764
Delta R.T. -0.000 min
Lab File: BN026807.D
Acq: 03 Aug 2023 15:51

Tgt Ion:202 Resp: 51666
Ion Ratio Lower Upper
202 100
101 12.6 10.7 16.1
100 9.8 8.5 12.7

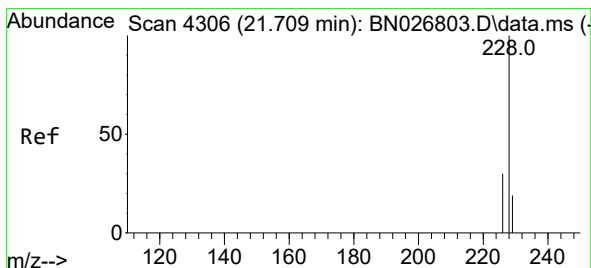
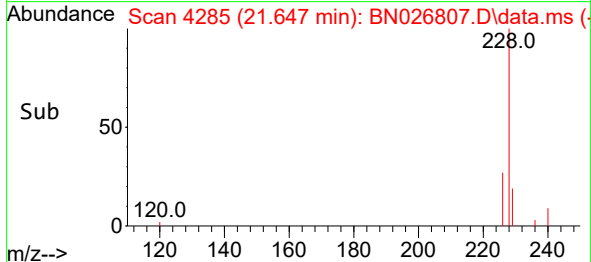
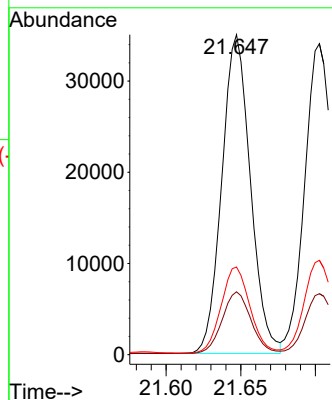
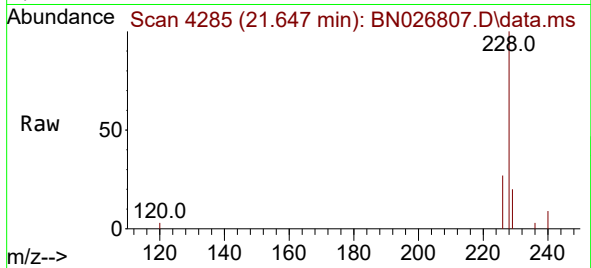




#21
Benzo(a)anthracene
Concen: 0.393 ng/ul
RT: 21.647 min Scan# 41
Delta R.T. -0.006 min
Lab File: BN026807.D
Acq: 03 Aug 2023 15:51

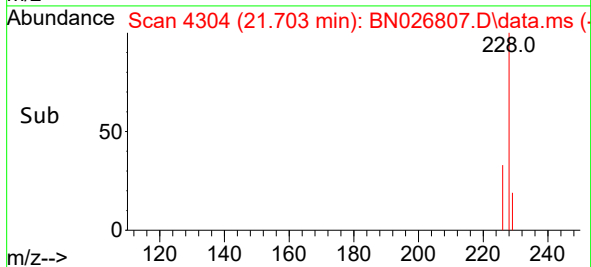
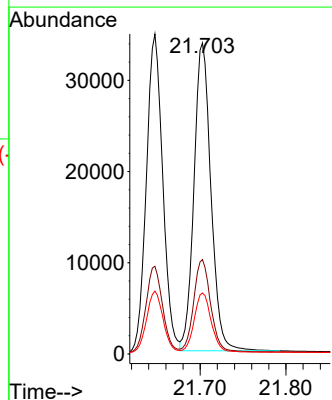
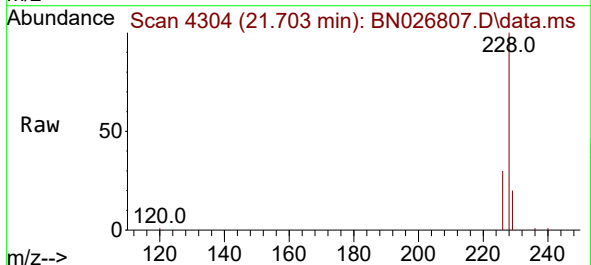
Instrument :
BNA_N
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SICV243

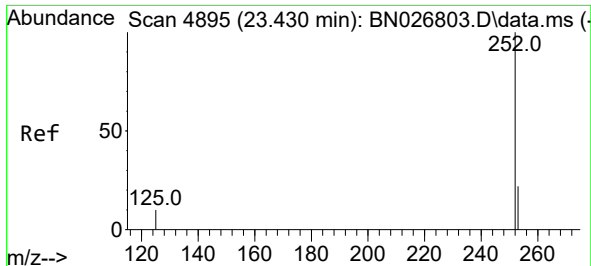
Tgt Ion:228 Resp: 46538
Ion Ratio Lower Upper
228 100
229 19.7 16.0 24.0
226 27.4 22.2 33.2



#22
Chrysene
Concen: 0.396 ng/ul
RT: 21.703 min Scan# 4304
Delta R.T. -0.006 min
Lab File: BN026807.D
Acq: 03 Aug 2023 15:51

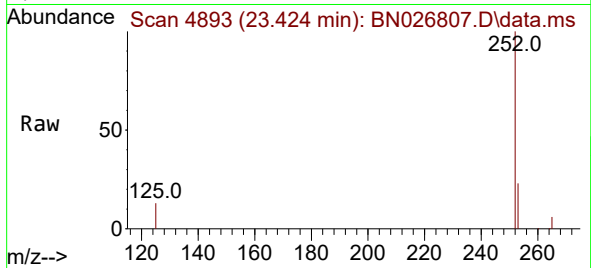
Tgt Ion:228 Resp: 46305
Ion Ratio Lower Upper
228 100
226 30.4 24.6 36.8
229 19.6 15.8 23.6



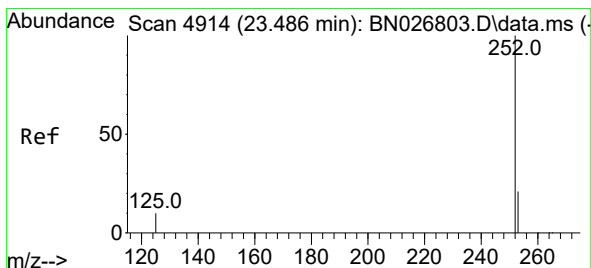
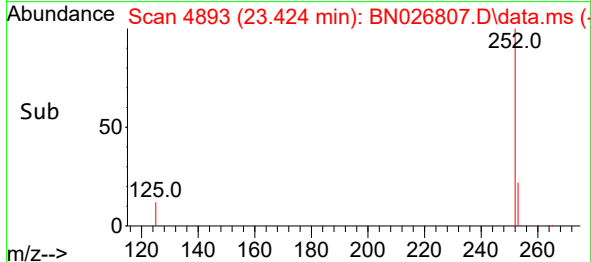
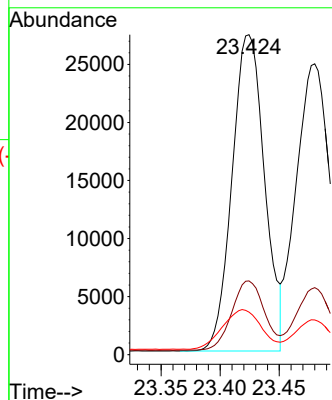


#24
Benzo(b)fluoranthene
Concen: 0.402 ng/ul
RT: 23.424 min Scan# 4893
Delta R.T. -0.006 min
Lab File: BN026807.D
Acq: 03 Aug 2023 15:51

Instrument :
BNA_N
ClientSampleId :
SICV243

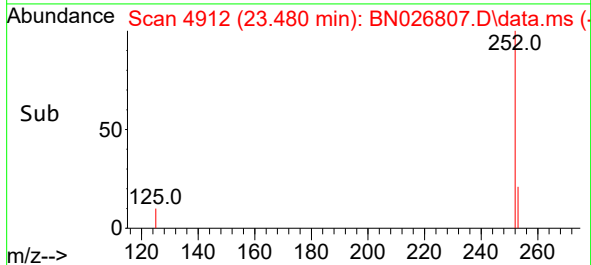
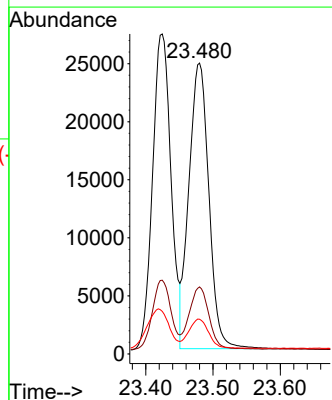
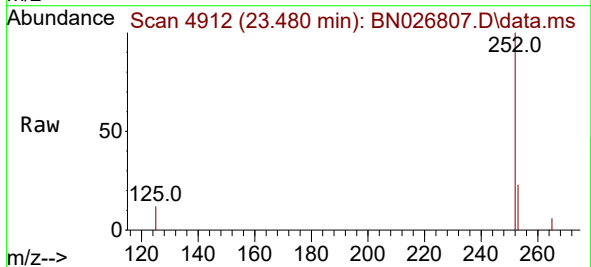


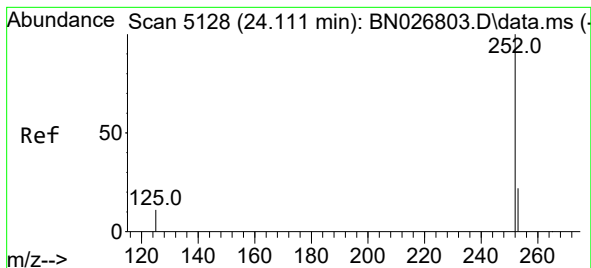
Tgt Ion:252 Resp: 52142
Ion Ratio Lower Upper
252 100
253 23.0 0.0 46.8
125 13.3 0.0 25.2



#25
Benzo(k)fluoranthene
Concen: 0.397 ng/ul
RT: 23.480 min Scan# 4912
Delta R.T. -0.006 min
Lab File: BN026807.D
Acq: 03 Aug 2023 15:51

Tgt Ion:252 Resp: 50775
Ion Ratio Lower Upper
252 100
253 23.0 18.2 27.4
125 11.9 9.9 14.9





#26

Benzo(a)pyrene

Concen: 0.409 ng/ul

RT: 24.103 min Scan# 51

Delta R.T. -0.009 min

Lab File: BN026807.D

Acq: 03 Aug 2023 15:51

Instrument :

BNA_N

ClientSampleId :

SICV243

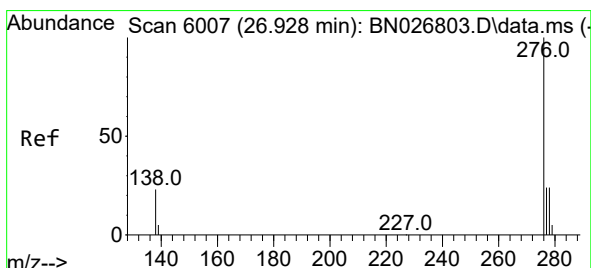
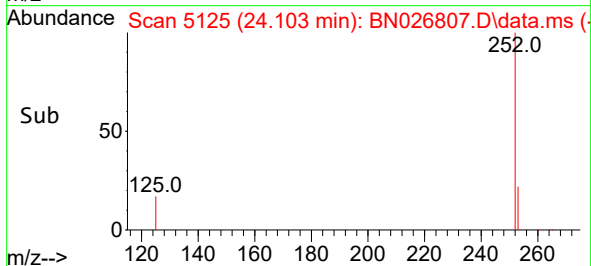
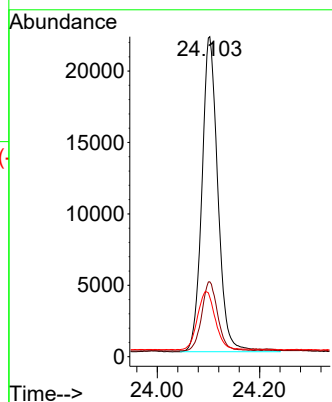
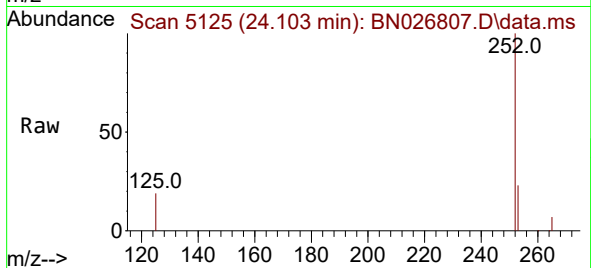
Tgt Ion:252 Resp: 47866

Ion Ratio Lower Upper

252 100

253 23.4 19.0 28.6

125 18.6 11.4 17.0#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.406 ng/ul

RT: 26.918 min Scan# 6004

Delta R.T. -0.011 min

Lab File: BN026807.D

Acq: 03 Aug 2023 15:51

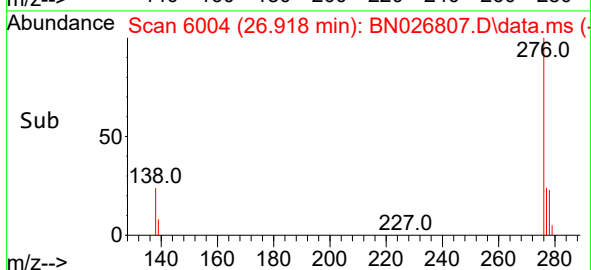
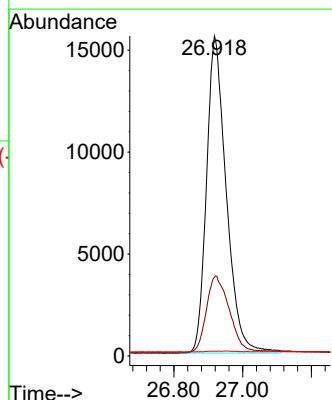
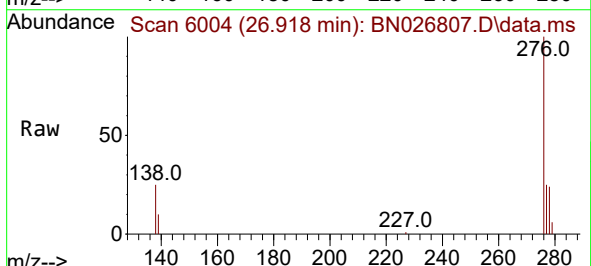
Tgt Ion:276 Resp: 62082

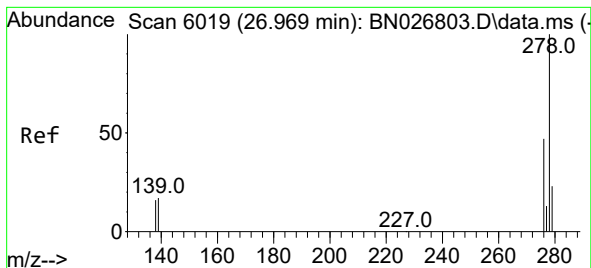
Ion Ratio Lower Upper

276 100

138 28.2 21.6 32.4

227 0.1 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.402 ng/ul

RT: 26.958 min Scan# 6016

Delta R.T. -0.011 min

Lab File: BN026807.D

Acq: 03 Aug 2023 15:51

Instrument :

BNA_N

ClientSampleId :

SICV243

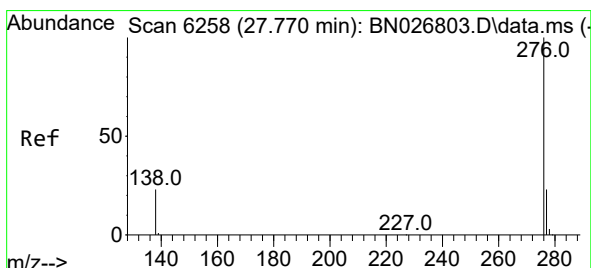
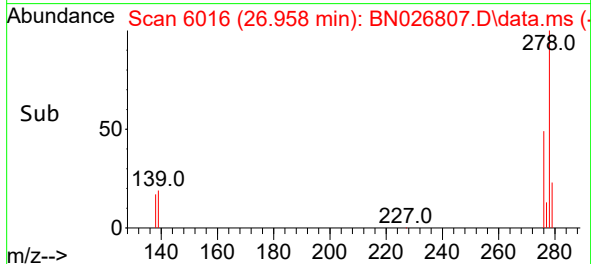
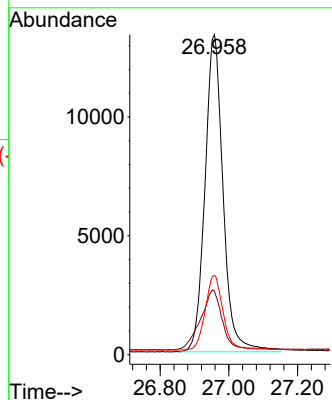
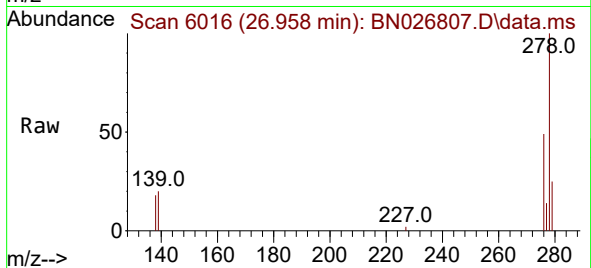
Tgt Ion:278 Resp: 49065

Ion Ratio Lower Upper

278 100

139 20.0 15.7 23.5

279 24.7 20.2 30.4



#29

Benzo(g,h,i)perylene

Concen: 0.395 ng/ul

RT: 27.763 min Scan# 6256

Delta R.T. -0.007 min

Lab File: BN026807.D

Acq: 03 Aug 2023 15:51

Tgt Ion:276 Resp: 50313

Ion Ratio Lower Upper

276 100

138 24.3 19.3 28.9

277 24.4 19.8 29.8

