

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030923\
 Data File : BN024170.D
 Acq On : 08 Mar 2023 16:11
 Operator : CG/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

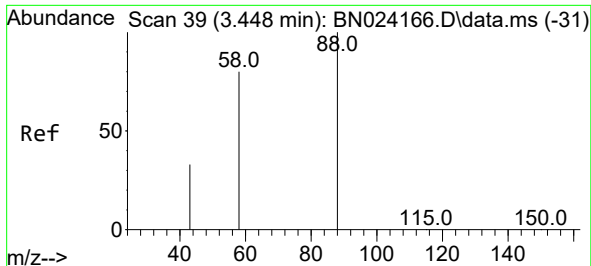
Instrument :
 BNA_N
 ClientSampleId :
 SICV243

Quant Time: Mar 09 01:04:21 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN030923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 09 01:03:32 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.059	152	9033	0.400	ng/ul	0.00
4) Naphthalene-d8	10.878	136	25292	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.693	164	12957	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.434	188	26019	0.400	ng/ul	0.00
17) Chrysene-d12	21.624	240	18579	0.400	ng/ul	0.00
23) Perylene-d12	24.146	264	13319	0.400	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.414	96	3836	0.386	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.456	152	12638	0.421	ng/ul	0.00
18) Fluoranthene-d10	19.459	212	22159	0.448	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.448	88	4116	0.381	ng/ul	97
5) Naphthalene	10.927	128	25385	0.402	ng/ul	100
7) 2-Methylnaphthalene	12.527	142	15883	0.415	ng/ul	99
8) 1-Methylnaphthalene	12.747	142	15090	0.375	ng/ul	100
10) Acenaphthylene	14.411	152	21442	0.397	ng/ul	100
11) Acenaphthene	14.754	153	16694	0.401	ng/ul	99
12) Fluorene	15.739	166	18357	0.395	ng/ul	100
14) Pentachlorophenol	17.080	266	2457	0.340	ng/ul#	73
15) Phenanthrene	17.477	178	30223	0.406	ng/ul	100
16) Anthracene	17.569	178	25355	0.388	ng/ul	100
19) Fluoranthene	19.487	202	30761	0.416	ng/ul	97
20) Pyrene	19.850	202	31290	0.417	ng/ul	97
21) Benzo(a)anthracene	21.606	228	23609	0.389	ng/ul	100
22) Chrysene	21.665	228	25412	0.397	ng/ul	100
24) Benzo(b)fluoranthene	23.372	252	21927	0.431	ng/ul	99
25) Benzo(k)fluoranthene	23.424	252	22510	0.427	ng/ul	99
26) Benzo(a)pyrene	24.027	252	17682	0.404	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.784	276	18420	0.374	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.807	278	13827	0.369	ng/ul	99
29) Benzo(g,h,i)perylene	27.605	276	16536	0.387	ng/ul	100

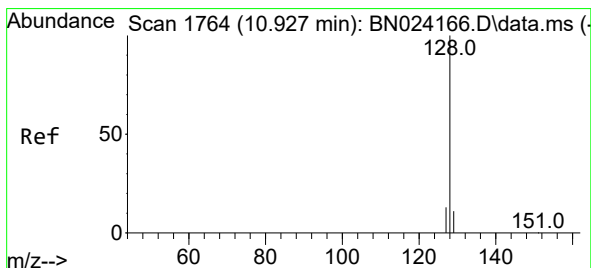
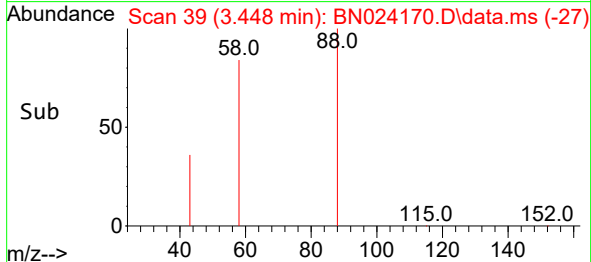
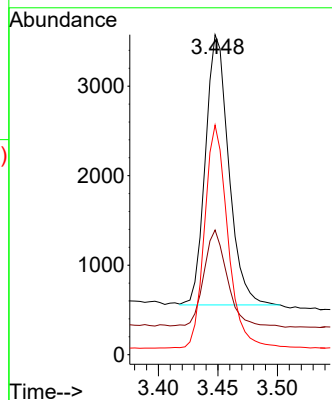
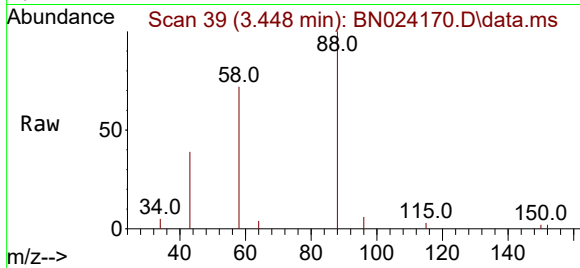
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
1,4-Dioxane
Concen: 0.381 ng/ul
RT: 3.448 min Scan# 39
Delta R.T. 0.000 min
Lab File: BN024170.D
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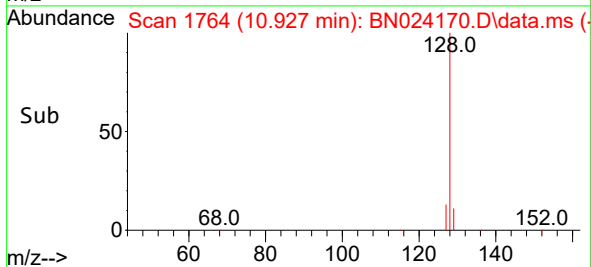
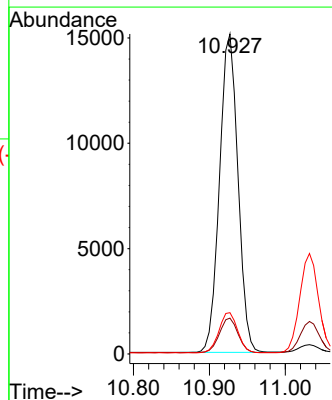
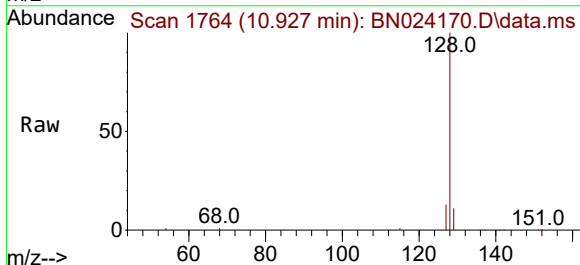
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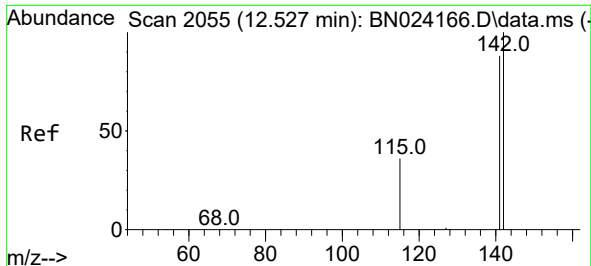
Tgt Ion: 88 Resp: 4116
Ion Ratio Lower Upper
88 100
43 38.9 32.1 48.1
58 71.8 55.1 82.7



#5
Naphthalene
Concen: 0.402 ng/ul
RT: 10.927 min Scan# 1764
Delta R.T. 0.000 min
Lab File: BN024170.D
Acq: 08 Mar 2023 16:11

Tgt Ion: 128 Resp: 25385
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 12.9 10.5 15.7

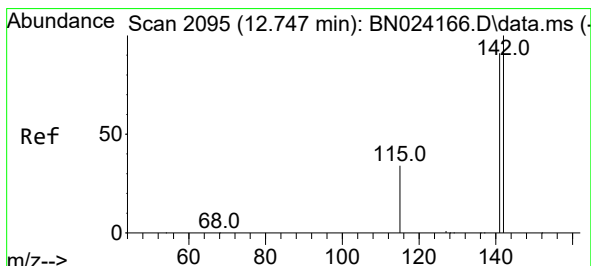
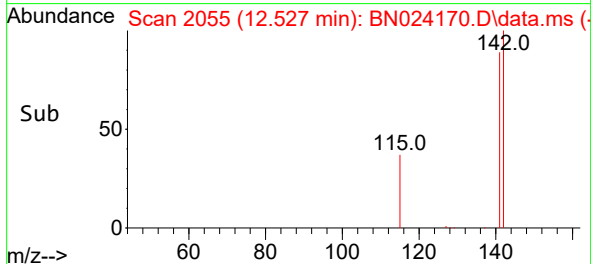
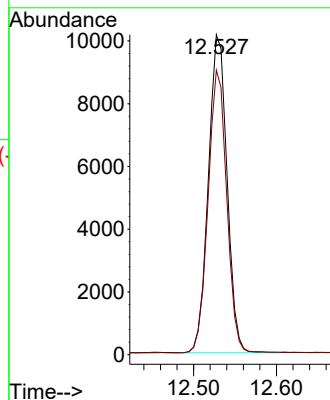
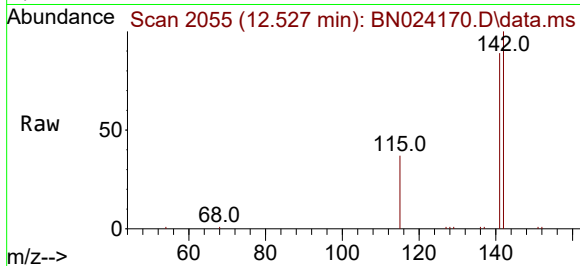




#7
2-Methylnaphthalene
Concen: 0.415 ng/ul
RT: 12.527 min Scan# 2055
Delta R.T. 0.000 min
Lab File: BN024170.D
Acq: 08 Mar 2023 16:11

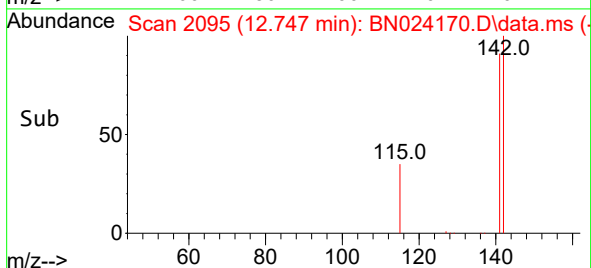
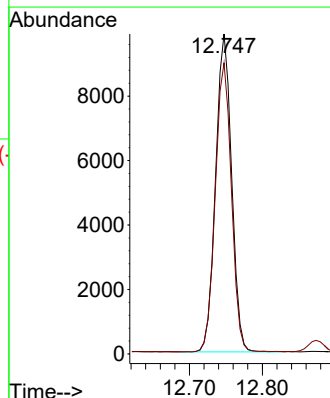
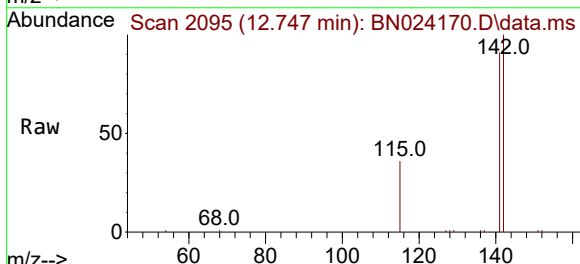
Instrument :
BNA_N
ClientSampleId :
SICV243

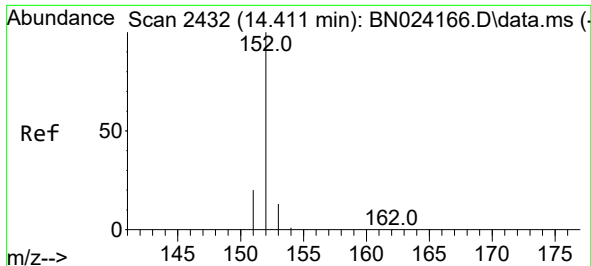
Tgt Ion:142 Resp: 15883
Ion Ratio Lower Upper
142 100
141 88.4 70.3 105.5



#8
1-Methylnaphthalene
Concen: 0.375 ng/ul
RT: 12.747 min Scan# 2095
Delta R.T. 0.000 min
Lab File: BN024170.D
Acq: 08 Mar 2023 16:11

Tgt Ion:142 Resp: 15090
Ion Ratio Lower Upper
142 100
141 91.5 73.0 109.6

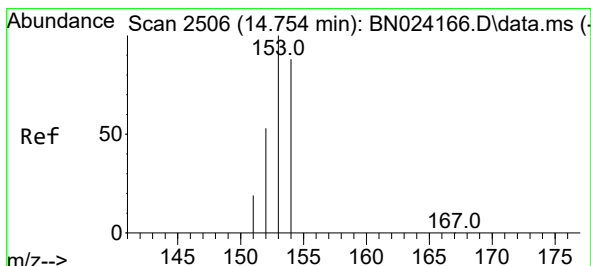
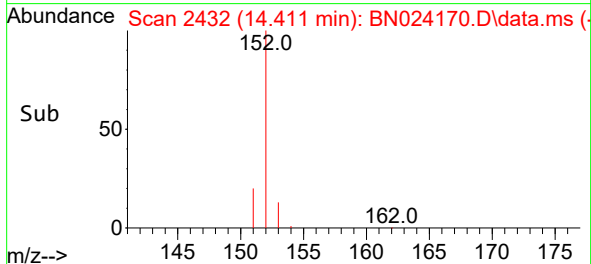
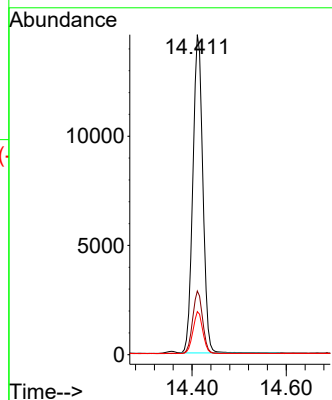
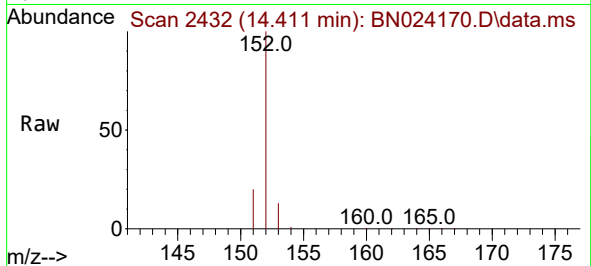




#10
Acenaphthylene
Concen: 0.397 ng/ul
RT: 14.411 min Scan# 2432
Delta R.T. 0.000 min
Lab File: BN024170.D
Acq: 08 Mar 2023 16:11

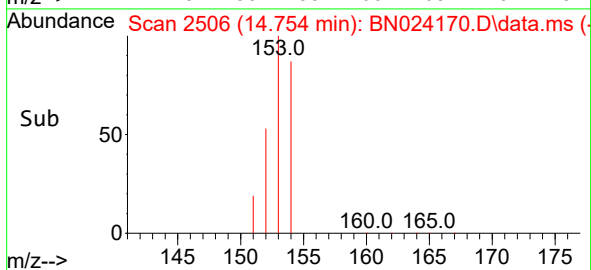
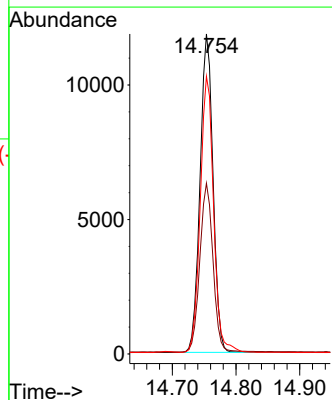
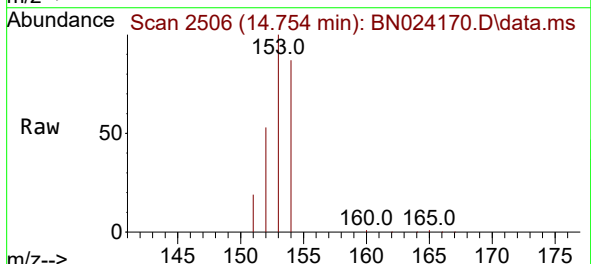
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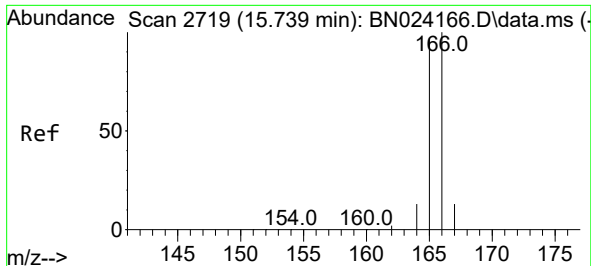
Tgt Ion:152 Resp: 21442
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 13.4 10.6 16.0



#11
Acenaphthene
Concen: 0.401 ng/ul
RT: 14.754 min Scan# 2506
Delta R.T. 0.000 min
Lab File: BN024170.D
Acq: 08 Mar 2023 16:11

Tgt Ion:153 Resp: 16694
Ion Ratio Lower Upper
153 100
152 53.3 42.6 64.0
154 86.8 70.6 105.8

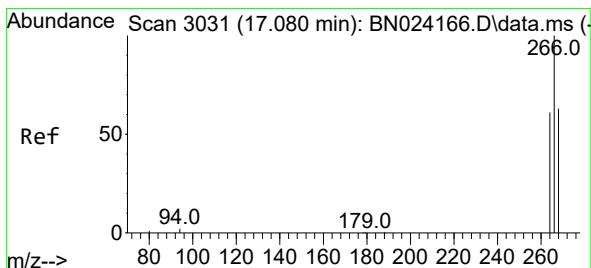
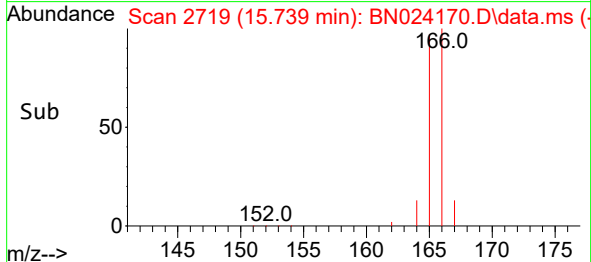
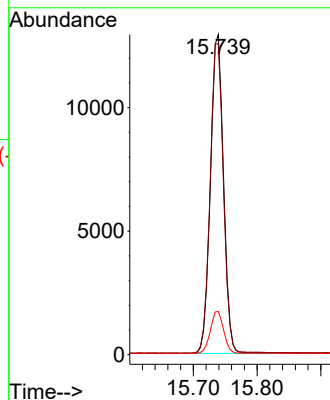
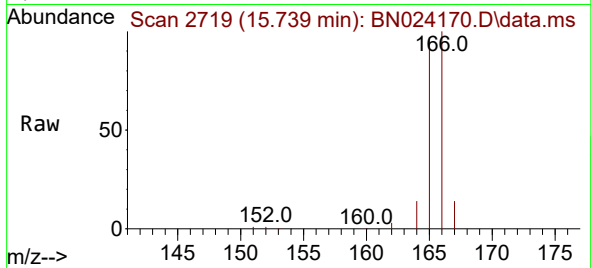




#12
Fluorene
Concen: 0.395 ng/ul
RT: 15.739 min Scan# 2719
Delta R.T. 0.000 min
Lab File: BN024170.D
Acq: 08 Mar 2023 16:11

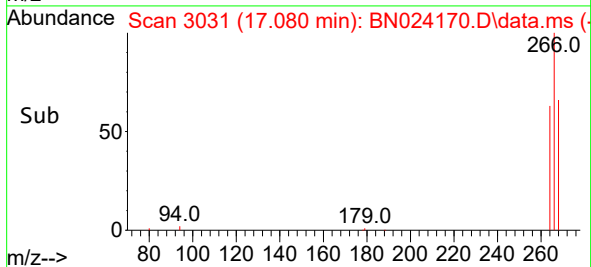
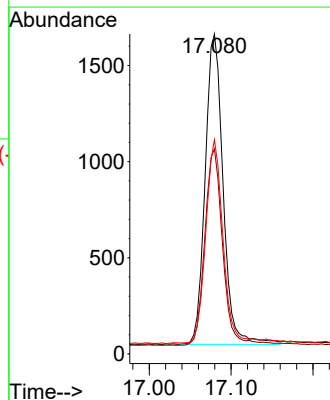
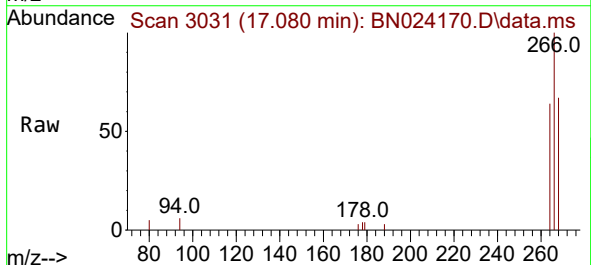
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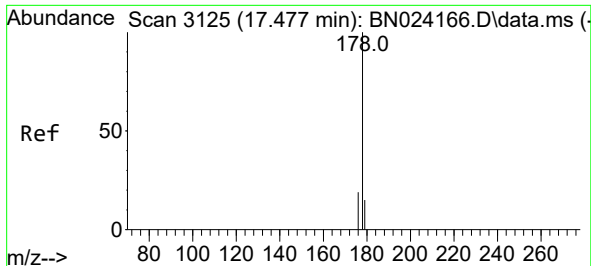
Tgt Ion:166 Resp: 18357
Ion Ratio Lower Upper
166 100
165 97.1 77.4 116.0
167 13.5 10.9 16.3



#14
Pentachlorophenol
Concen: 0.340 ng/ul
RT: 17.080 min Scan# 3031
Delta R.T. 0.000 min
Lab File: BN024170.D
Acq: 08 Mar 2023 16:11

Tgt Ion:266 Resp: 2457
Ion Ratio Lower Upper
266 100
264 62.9 0.0 0.0#
268 63.2 0.1 0.1#

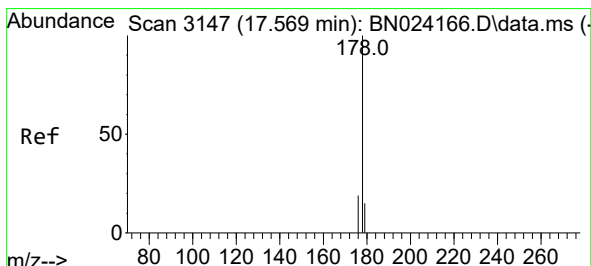
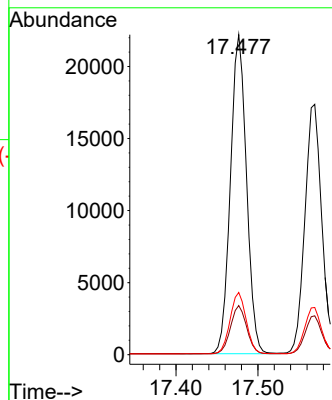
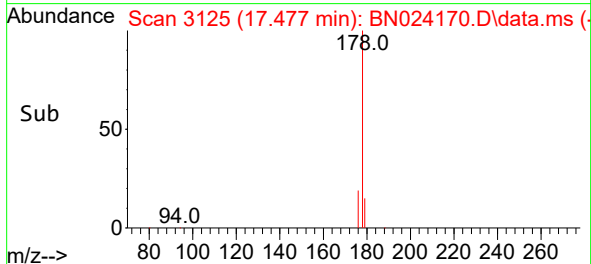
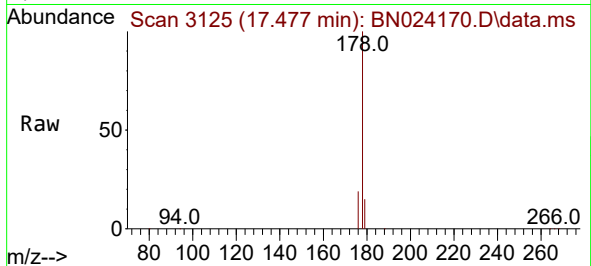




#15
Phenanthrene
Concen: 0.406 ng/u1
RT: 17.477 min Scan# 3125
Delta R.T. 0.000 min
Lab File: BN024170.D
Acq: 08 Mar 2023 16:11

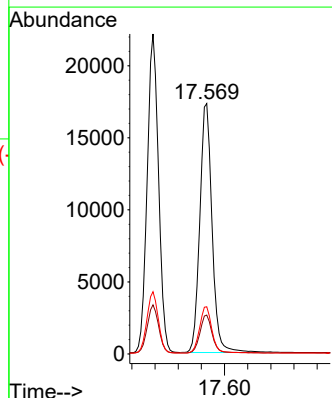
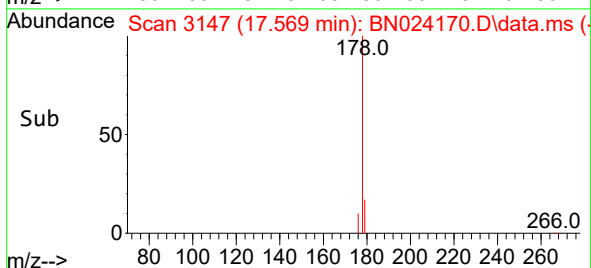
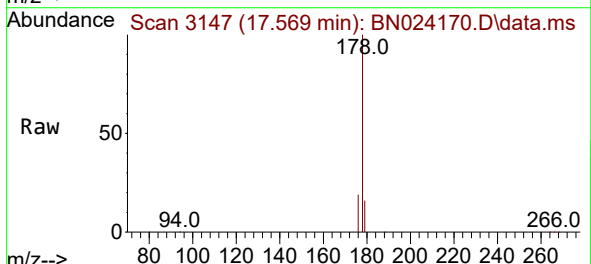
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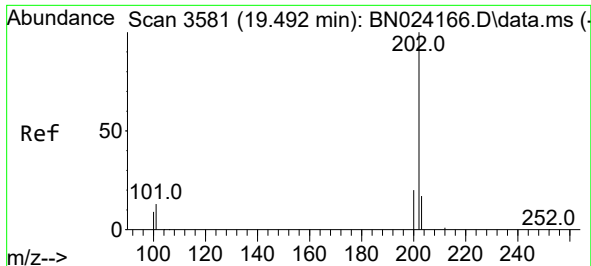
Tgt Ion:178 Resp: 30223
Ion Ratio Lower Upper
178 100
179 15.4 12.2 18.2
176 19.4 15.7 23.5



#16
Anthracene
Concen: 0.388 ng/u1
RT: 17.569 min Scan# 3147
Delta R.T. 0.000 min
Lab File: BN024170.D
Acq: 08 Mar 2023 16:11

Tgt Ion:178 Resp: 25355
Ion Ratio Lower Upper
178 100
179 15.6 12.3 18.5
176 18.8 15.3 22.9

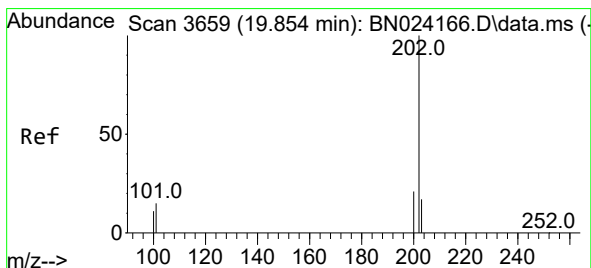
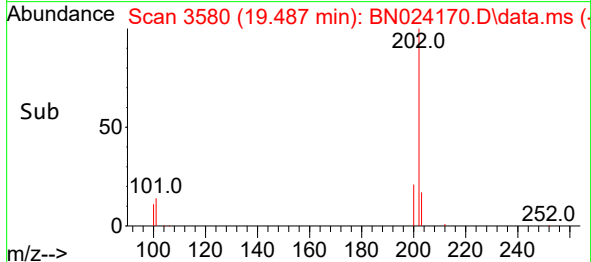
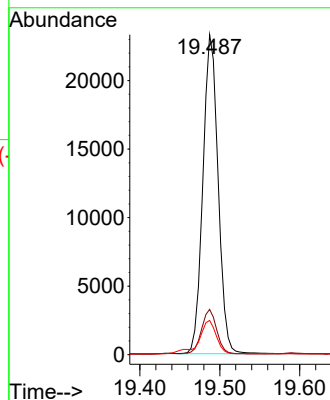
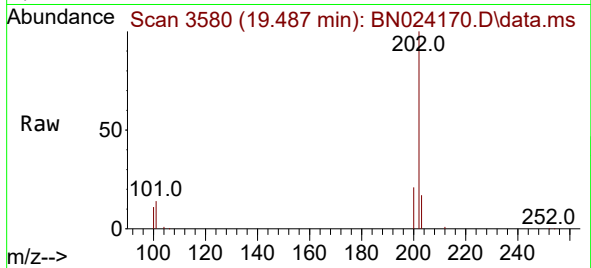




#19
Fluoranthene
Concen: 0.416 ng/ul
RT: 19.487 min Scan# 3580
Delta R.T. -0.005 min
Lab File: BN024170.D
Acq: 08 Mar 2023 16:11

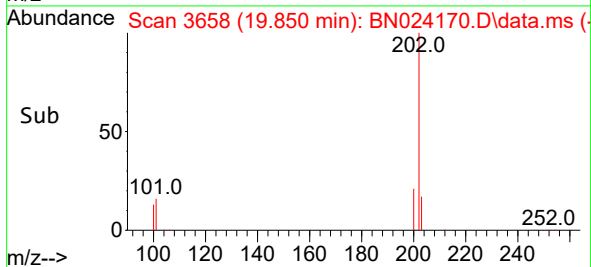
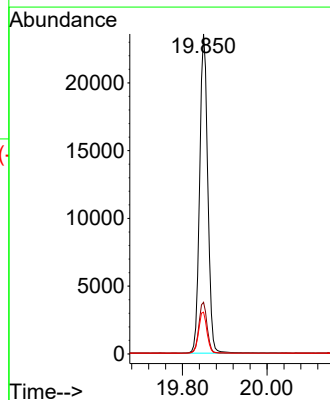
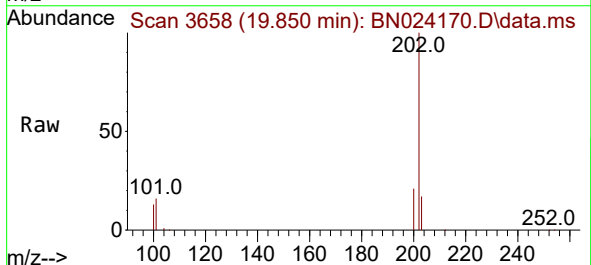
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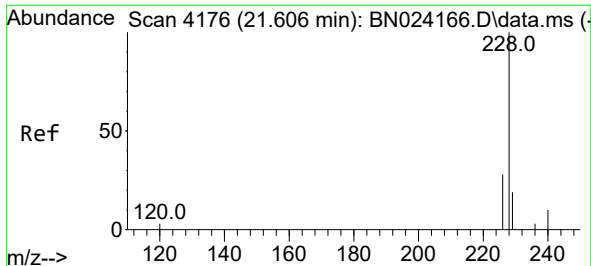
Tgt Ion:202 Resp: 30761
Ion Ratio Lower Upper
202 100
101 14.2 10.4 15.6
100 10.7 7.7 11.5



#20
Pyrene
Concen: 0.417 ng/ul
RT: 19.850 min Scan# 3658
Delta R.T. -0.005 min
Lab File: BN024170.D
Acq: 08 Mar 2023 16:11

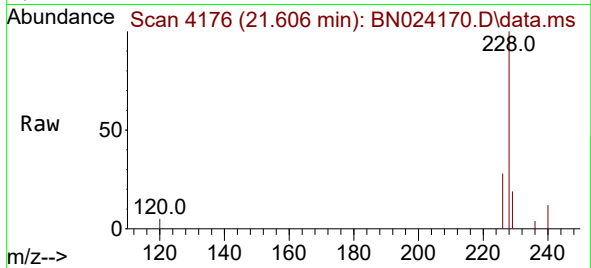
Tgt Ion:202 Resp: 31290
Ion Ratio Lower Upper
202 100
101 16.2 12.1 18.1
100 13.0 9.4 14.0



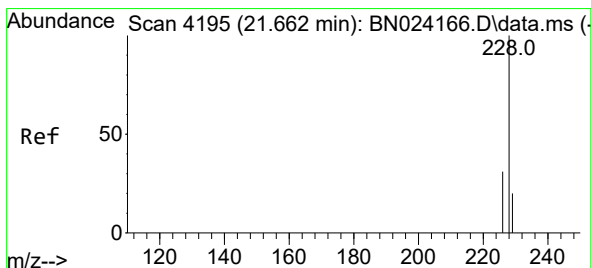
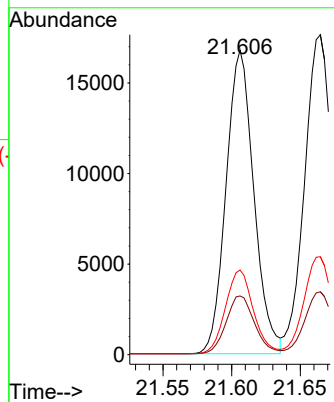
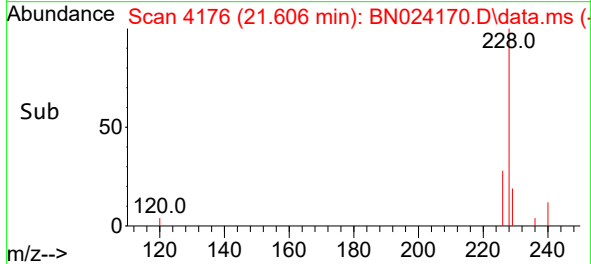


#21
Benzo(a)anthracene
Concen: 0.389 ng/ul
RT: 21.606 min Scan# 4176
Delta R.T. 0.000 min
Lab File: BN024170.D
Acq: 08 Mar 2023 16:11

Instrument :
BNA_N
ClientSampleId :
SICV243

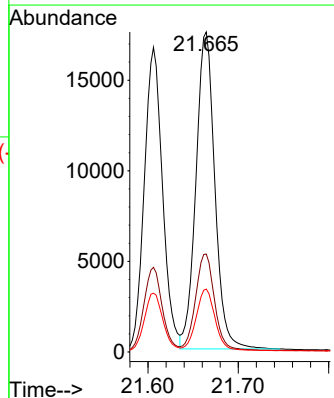
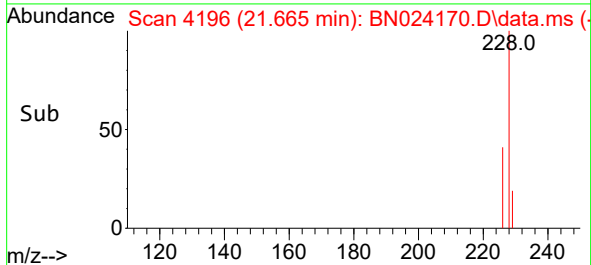
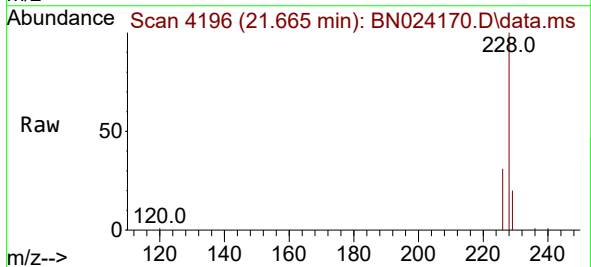


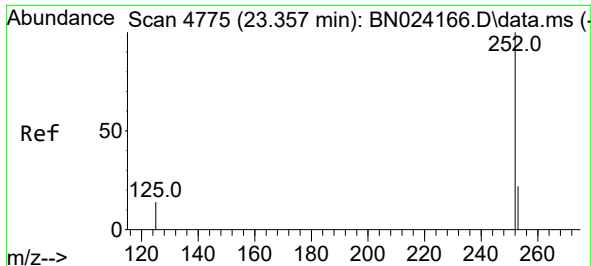
Tgt Ion:228 Resp: 23609
Ion Ratio Lower Upper
228 100
229 19.3 15.8 23.6
226 27.8 22.2 33.4



#22
Chrysene
Concen: 0.397 ng/ul
RT: 21.665 min Scan# 4196
Delta R.T. 0.003 min
Lab File: BN024170.D
Acq: 08 Mar 2023 16:11

Tgt Ion:228 Resp: 25412
Ion Ratio Lower Upper
228 100
226 30.6 24.8 37.2
229 19.6 15.8 23.6

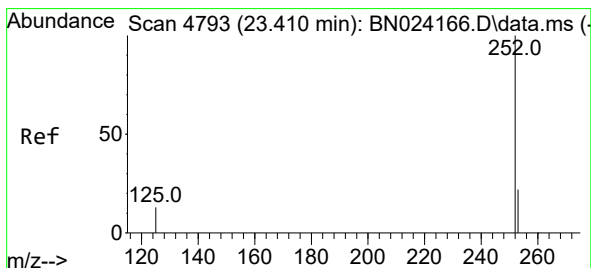
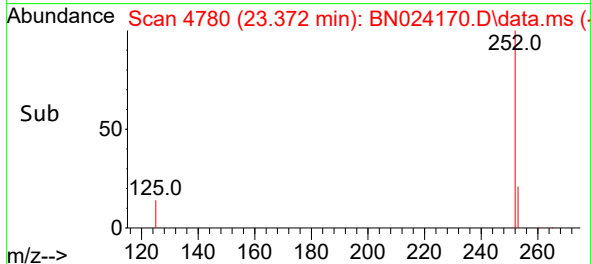
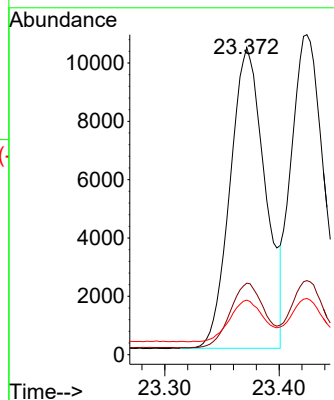
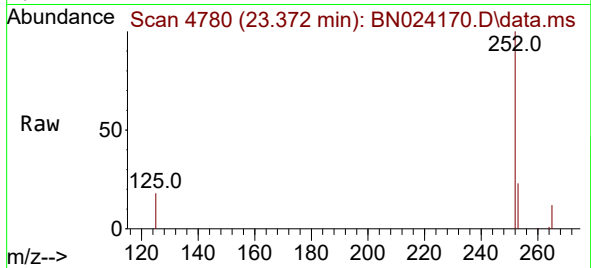




#24
Benzo(b)fluoranthene
Concen: 0.431 ng/ul
RT: 23.372 min Scan# 4775
Delta R.T. 0.015 min
Lab File: BN024170.D
Acq: 08 Mar 2023 16:11

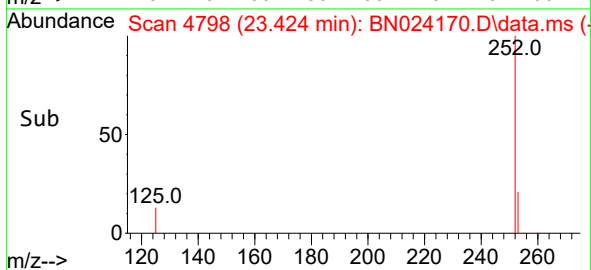
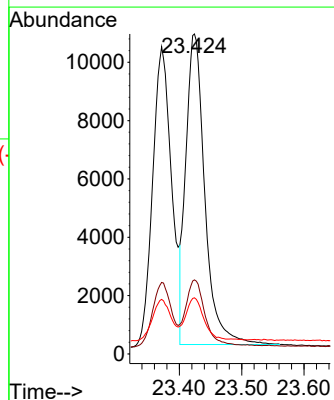
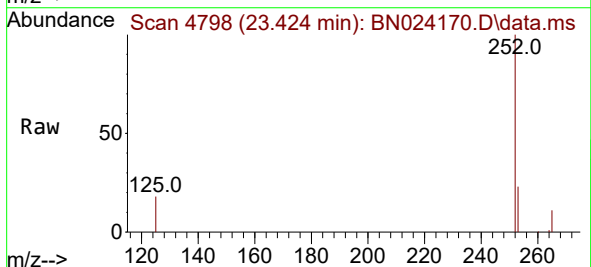
Instrument :
BNA_N
ClientSampleId :
SICV243

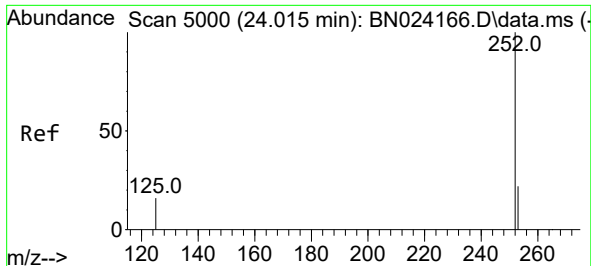
Tgt Ion:252 Resp: 21927
Ion Ratio Lower Upper
252 100
253 23.3 0.0 46.2
125 17.8 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.427 ng/ul
RT: 23.424 min Scan# 4798
Delta R.T. 0.015 min
Lab File: BN024170.D
Acq: 08 Mar 2023 16:11

Tgt Ion:252 Resp: 22510
Ion Ratio Lower Upper
252 100
253 23.1 18.5 27.7
125 17.6 13.2 19.8

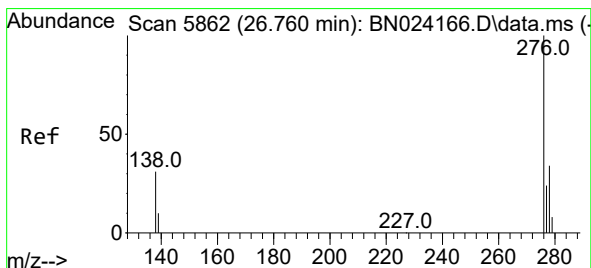
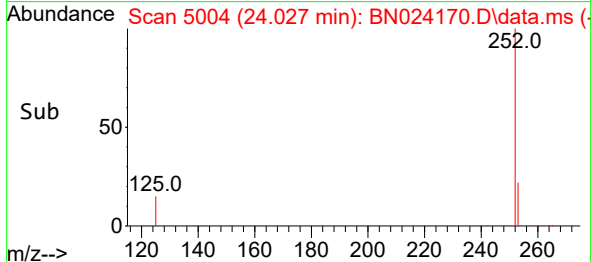
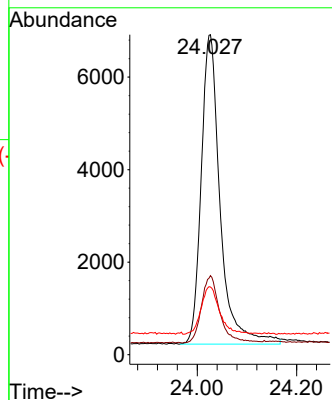
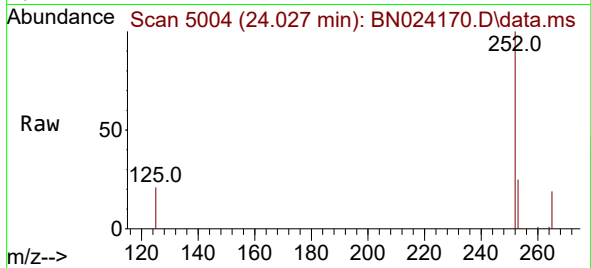




#26
Benzo(a)pyrene
Concen: 0.404 ng/ul
RT: 24.027 min Scan# 5004
Delta R.T. 0.012 min
Lab File: BN024170.D
Acq: 08 Mar 2023 16:11

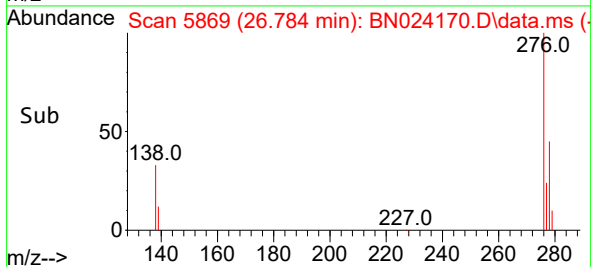
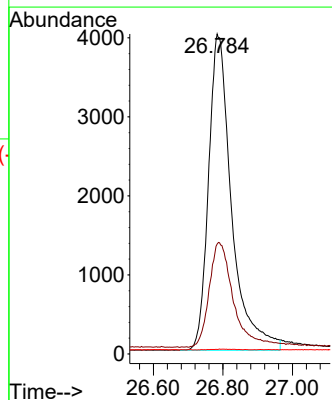
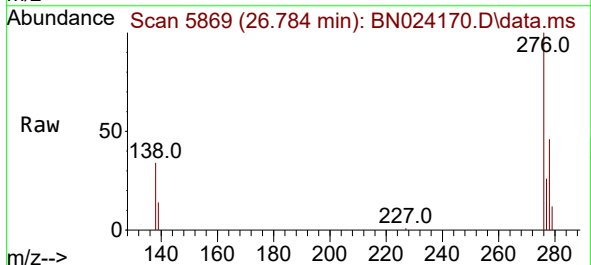
Instrument :
BNA_N
ClientSampleId :
SICV243

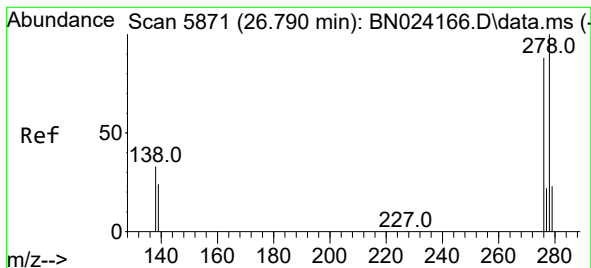
Tgt Ion:252 Resp: 17682
Ion Ratio Lower Upper
252 100
253 24.7 19.2 28.8
125 21.1 15.8 23.6



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.374 ng/ul
RT: 26.784 min Scan# 5869
Delta R.T. 0.024 min
Lab File: BN024170.D
Acq: 08 Mar 2023 16:11

Tgt Ion:276 Resp: 18420
Ion Ratio Lower Upper
276 100
138 34.8 0.0 0.0#
227 0.1 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.369 ng/ul

RT: 26.807 min Scan# 5871

Delta R.T. 0.017 min

Lab File: BN024170.D

Acq: 08 Mar 2023 16:11

Instrument :

BNA_N

ClientSampleId :

SICV243

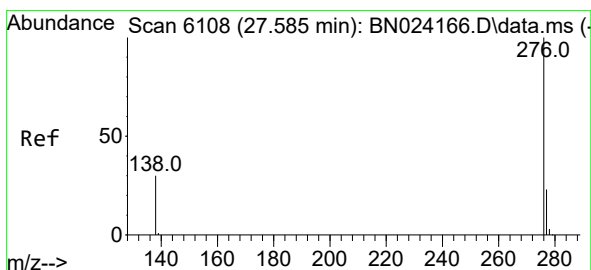
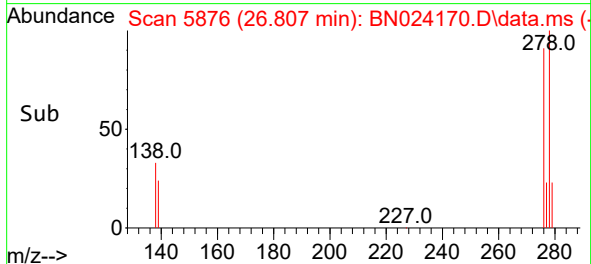
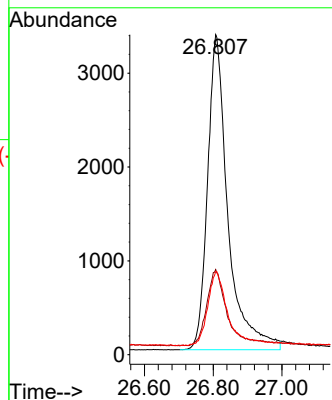
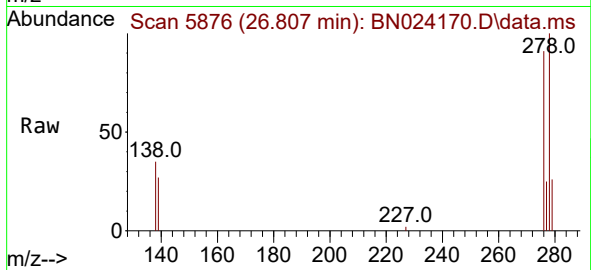
Tgt Ion:278 Resp: 13827

Ion Ratio Lower Upper

278 100

139 26.6 21.0 31.6

279 26.0 20.4 30.6



#29

Benzo(g,h,i)perylene

Concen: 0.387 ng/ul

RT: 27.605 min Scan# 6114

Delta R.T. 0.020 min

Lab File: BN024170.D

Acq: 08 Mar 2023 16:11

Tgt Ion:276 Resp: 16536

Ion Ratio Lower Upper

276 100

138 31.5 25.2 37.8

277 24.2 19.4 29.2

