

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051023\
 Data File : BN025382.D
 Acq On : 10 May 2023 16:07
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4298

Quant Time: May 11 01:11:50 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 10 12:11:16 2023
 Response via : Initial Calibration

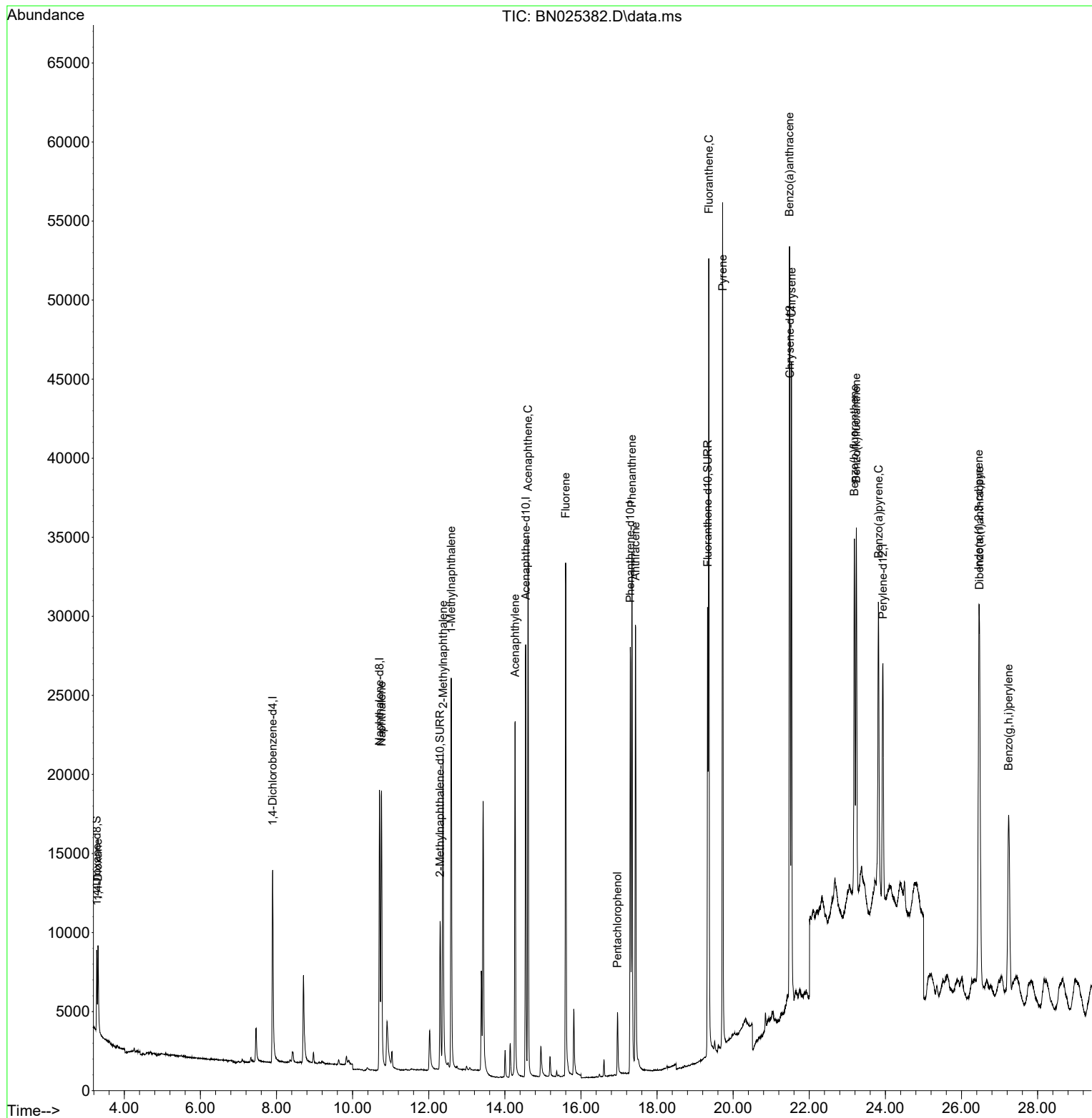
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.900	152	8093	0.400	ng/ul	0.00
4) Naphthalene-d8	10.704	136	26708	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.548	164	15543	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.297	188	32535	0.400	ng/ul	0.00
17) Chrysene-d12	21.495	240	26200	0.400	ng/ul	# 0.00
23) Perylene-d12	23.935	264	23114	0.400	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	2990	0.357	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.299	152	14149	0.413	ng/ul	0.00
18) Fluoranthene-d10	19.332	212	32584	0.472	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.310	88	3481	0.386	ng/ul#	69
5) Naphthalene	10.759	128	27016	0.395	ng/ul	100
7) 2-Methylnaphthalene	12.376	142	17009	0.406	ng/ul	100
8) 1-Methylnaphthalene	12.590	142	18298	0.410	ng/ul	100
10) Acenaphthylene	14.270	152	28521	0.493	ng/ul	100
11) Acenaphthene	14.608	153	20323	0.416	ng/ul	99
12) Fluorene	15.598	166	22391	0.410	ng/ul	99
14) Pentachlorophenol	16.959	266	3245	0.508	ng/ul	98
15) Phenanthrene	17.339	178	36119	0.393	ng/ul	99
16) Anthracene	17.432	178	34789	0.463	ng/ul	100
19) Fluoranthene	19.360	202	43385	0.458	ng/ul	99
20) Pyrene	19.722	202	46411	0.477	ng/ul	99
21) Benzo(a)anthracene	21.477	228	37889	0.480	ng/ul	94
22) Chrysene	21.533	228	36968	0.429	ng/ul#	95
24) Benzo(b)fluoranthene	23.184	252	34073	0.363	ng/ul	85
25) Benzo(k)fluoranthene	23.237	252	32654	0.362	ng/ul#	85
26) Benzo(a)pyrene	23.819	252	29809	0.384	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	26.458	276	33793	0.378	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.474	278	26916	0.385	ng/ul#	84
29) Benzo(g,h,i)perylene	27.239	276	28442	0.374	ng/ul#	87

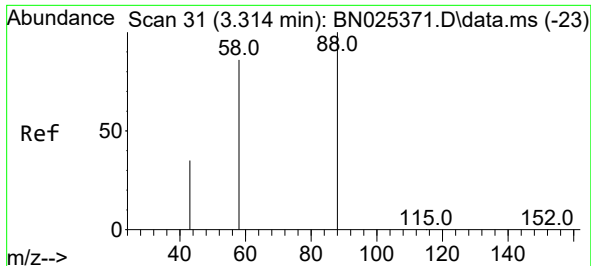
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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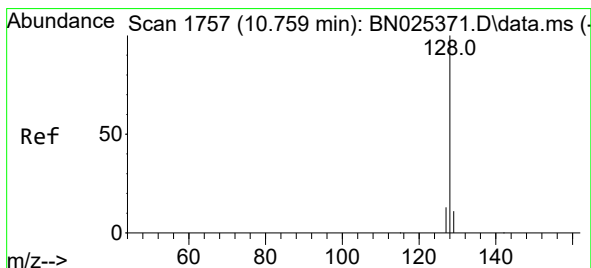
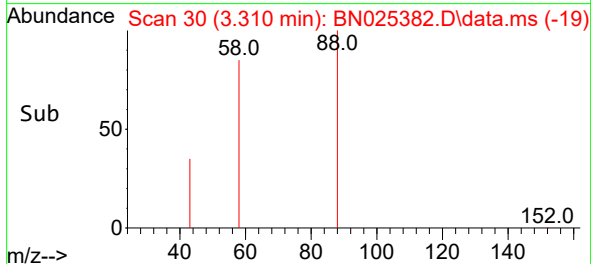
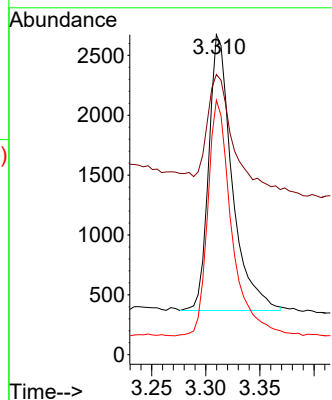
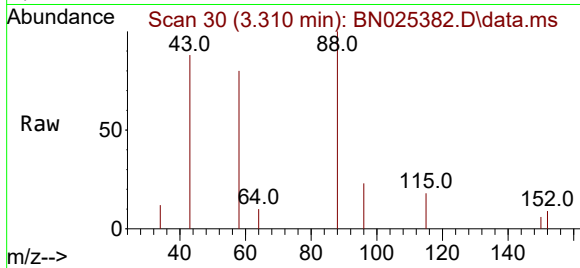




#2
1,4-Dioxane
Concen: 0.386 ng/ul
RT: 3.310 min Scan# 30
Delta R.T. -0.004 min
Lab File: BN025382.D
Acq: 10 May 2023 16:07

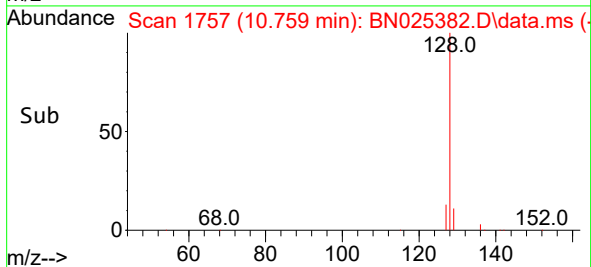
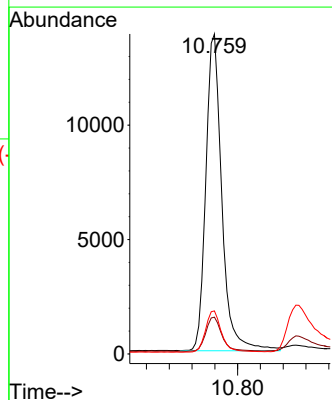
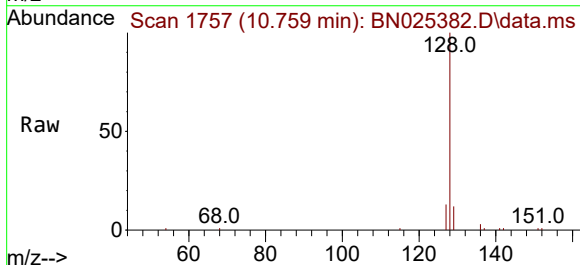
Instrument :
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ClientSampleId :
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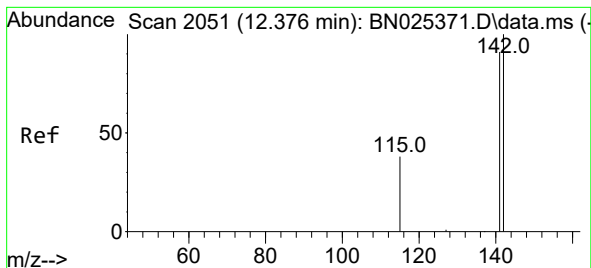
Tgt Ion: 88 Resp: 3481
Ion Ratio Lower Upper
88 100
43 87.5 37.0 55.4#
58 79.6 56.9 85.3



#5
Naphthalene
Concen: 0.395 ng/ul
RT: 10.759 min Scan# 1757
Delta R.T. 0.000 min
Lab File: BN025382.D
Acq: 10 May 2023 16:07

Tgt Ion:128 Resp: 27016
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.6
127 13.5 10.7 16.1

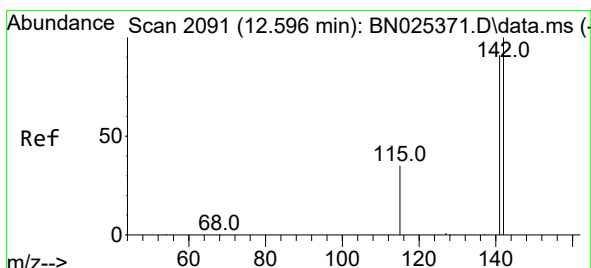
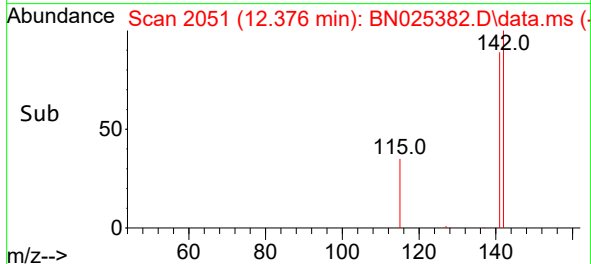
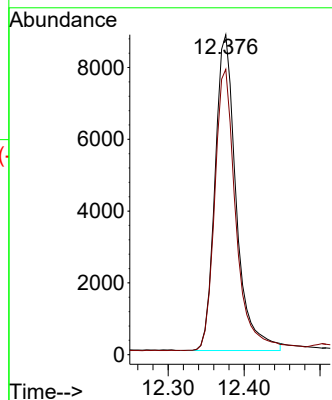
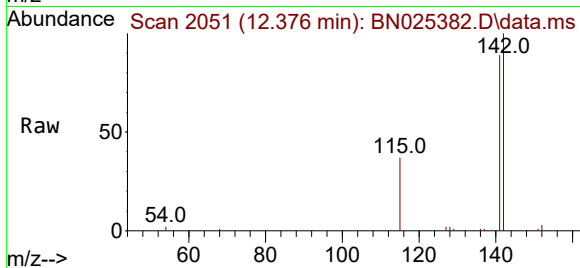




#7
2-Methylnaphthalene
Concen: 0.406 ng/ul
RT: 12.376 min Scan# 2051
Delta R.T. 0.000 min
Lab File: BN025382.D
Acq: 10 May 2023 16:07

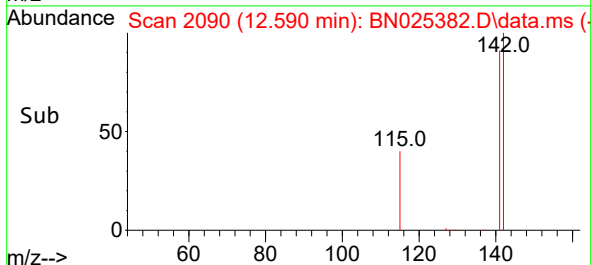
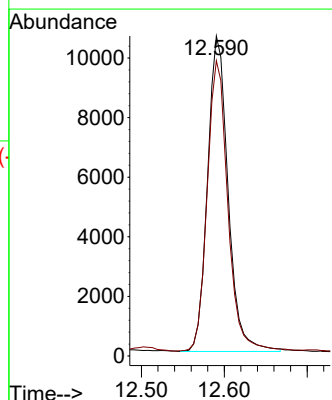
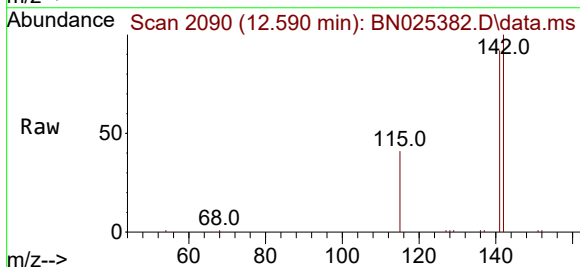
Instrument :
BNA_N
ClientSampleId :
SSTD0.4298

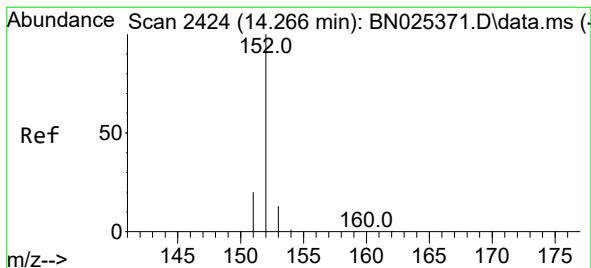
Tgt Ion:142 Resp: 17009
Ion Ratio Lower Upper
142 100
141 88.8 71.4 107.0



#8
1-Methylnaphthalene
Concen: 0.410 ng/ul
RT: 12.590 min Scan# 2090
Delta R.T. -0.005 min
Lab File: BN025382.D
Acq: 10 May 2023 16:07

Tgt Ion:142 Resp: 18298
Ion Ratio Lower Upper
142 100
141 92.0 73.8 110.6





#10

Acenaphthylene

Concen: 0.493 ng/ul

RT: 14.270 min Scan# 2425

Delta R.T. 0.005 min

Lab File: BN025382.D

Acq: 10 May 2023 16:07

Instrument :

BNA_N

ClientSampleId :

SSTD0.4298

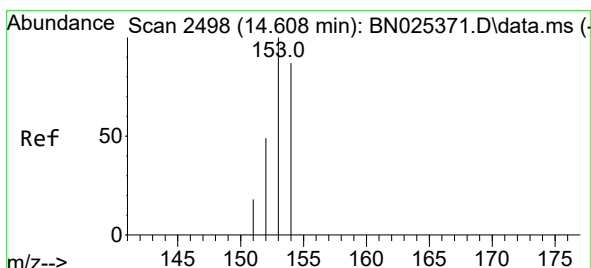
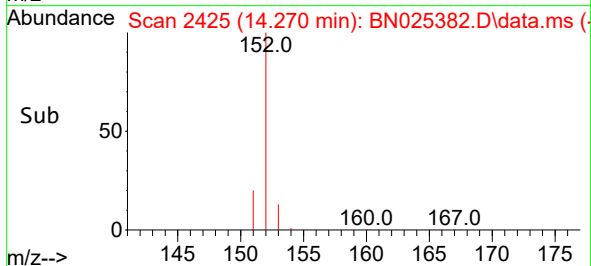
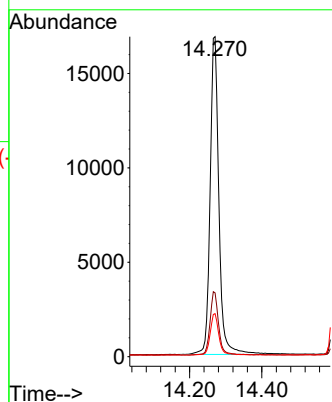
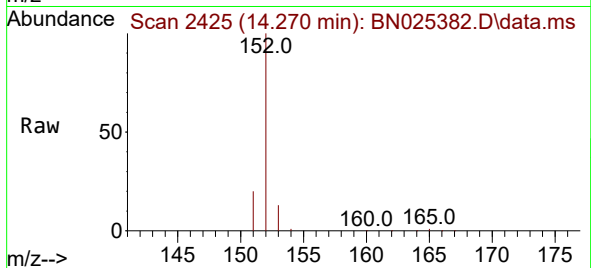
Tgt Ion:152 Resp: 28521

Ion Ratio Lower Upper

152 100

151 20.0 16.0 24.0

153 13.5 10.8 16.2



#11

Acenaphthene

Concen: 0.416 ng/ul

RT: 14.608 min Scan# 2498

Delta R.T. 0.000 min

Lab File: BN025382.D

Acq: 10 May 2023 16:07

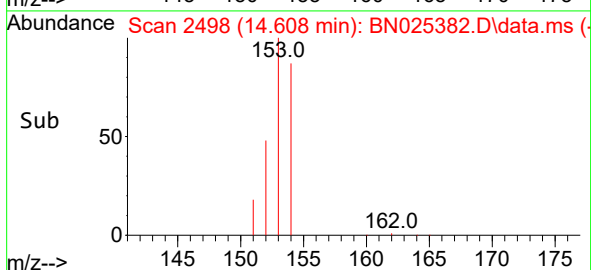
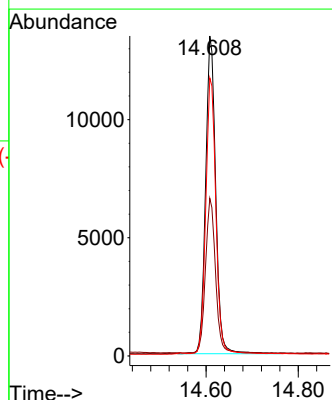
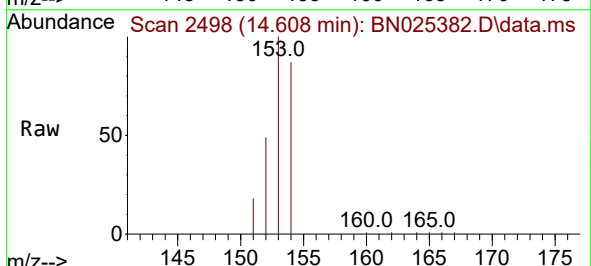
Tgt Ion:153 Resp: 20323

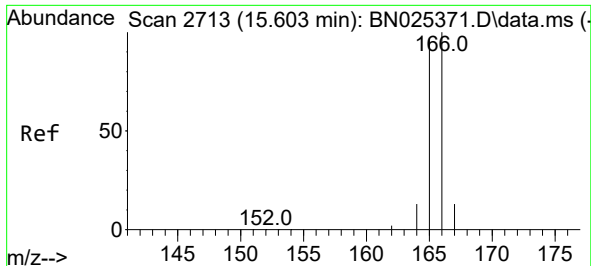
Ion Ratio Lower Upper

153 100

152 49.3 40.2 60.4

154 86.9 69.4 104.2

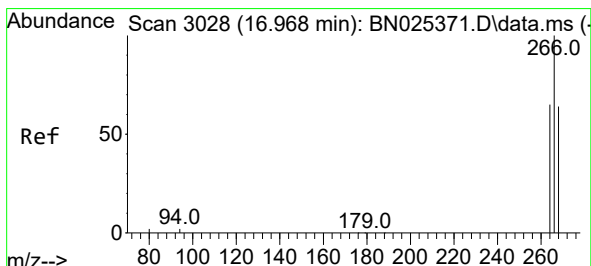
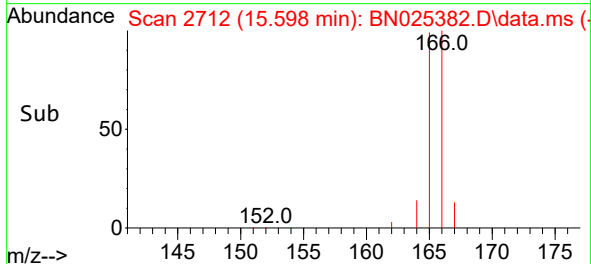
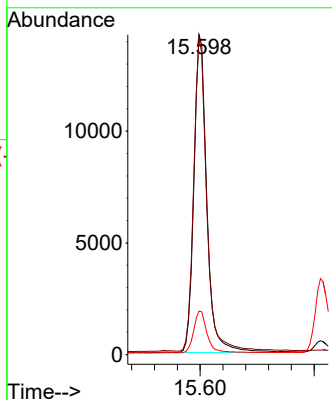
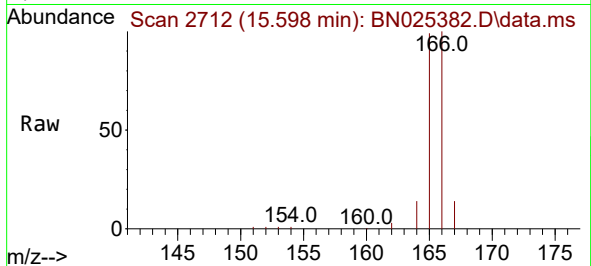




#12
Fluorene
Concen: 0.410 ng/ul
RT: 15.598 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN025382.D
Acq: 10 May 2023 16:07

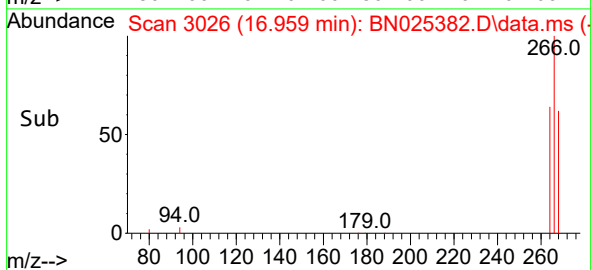
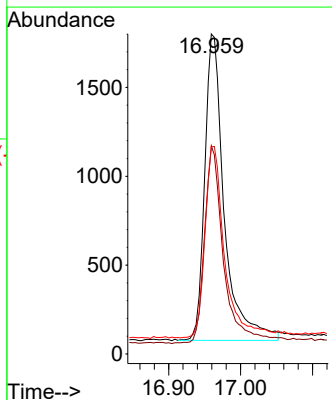
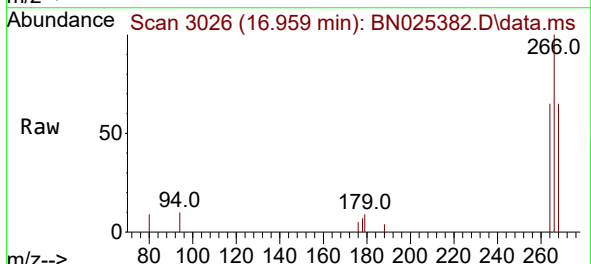
Instrument :
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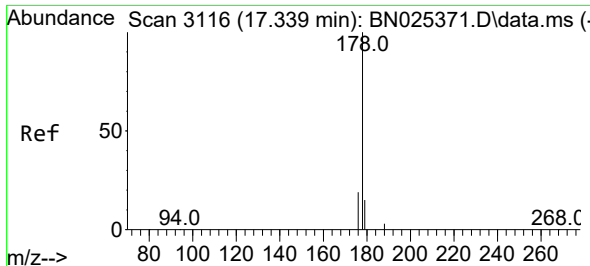
Tgt Ion:166 Resp: 22391
Ion Ratio Lower Upper
166 100
165 99.2 78.1 117.1
167 13.6 11.0 16.6



#14
Pentachlorophenol
Concen: 0.508 ng/ul
RT: 16.959 min Scan# 3026
Delta R.T. -0.008 min
Lab File: BN025382.D
Acq: 10 May 2023 16:07

Tgt Ion:266 Resp: 3245
Ion Ratio Lower Upper
266 100
264 63.5 49.6 74.4
268 63.0 51.3 76.9

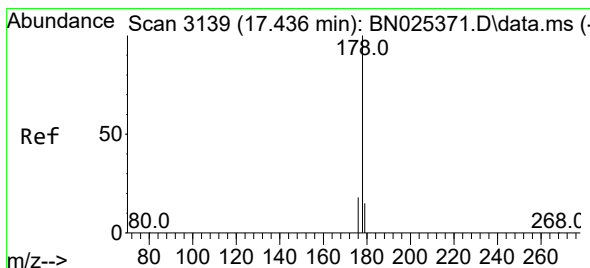
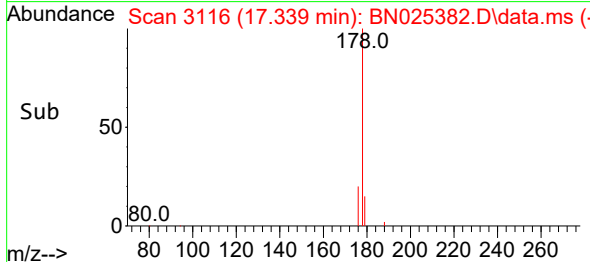
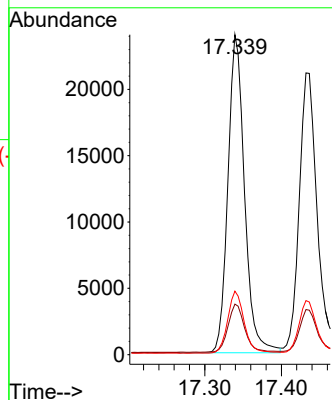
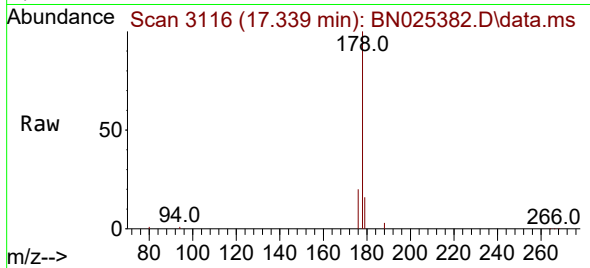




#15
Phenanthrene
Concen: 0.393 ng/ul
RT: 17.339 min Scan# 3116
Delta R.T. 0.000 min
Lab File: BN025382.D
Acq: 10 May 2023 16:07

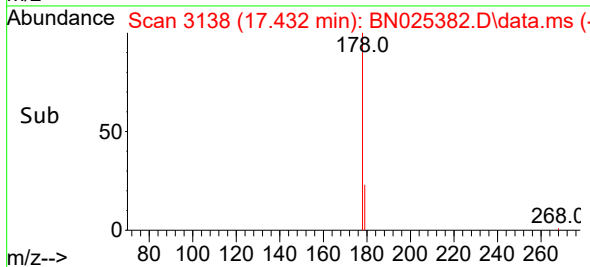
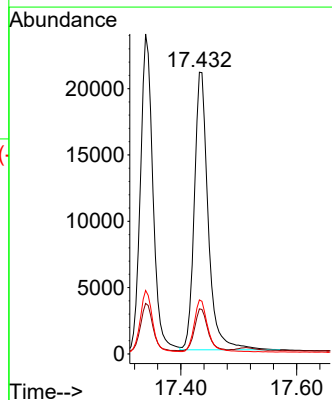
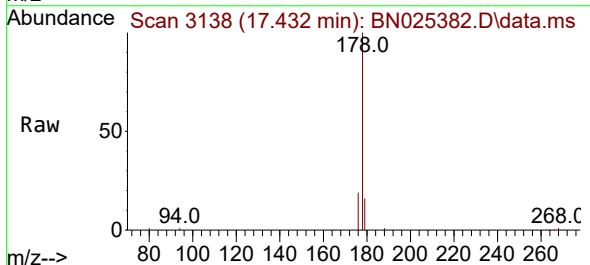
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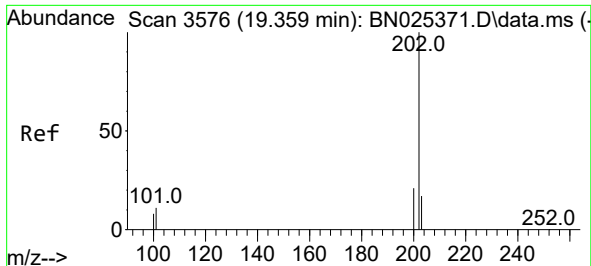
Tgt Ion:178 Resp: 36119
Ion Ratio Lower Upper
178 100
179 15.8 12.5 18.7
176 19.9 15.6 23.4



#16
Anthracene
Concen: 0.463 ng/ul
RT: 17.432 min Scan# 3138
Delta R.T. -0.004 min
Lab File: BN025382.D
Acq: 10 May 2023 16:07

Tgt Ion:178 Resp: 34789
Ion Ratio Lower Upper
178 100
179 16.0 12.7 19.1
176 19.2 15.3 22.9

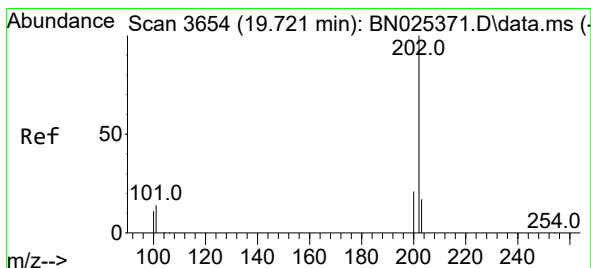
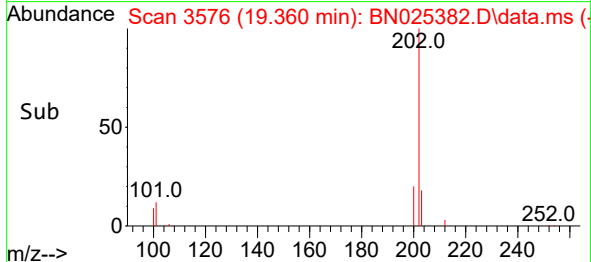
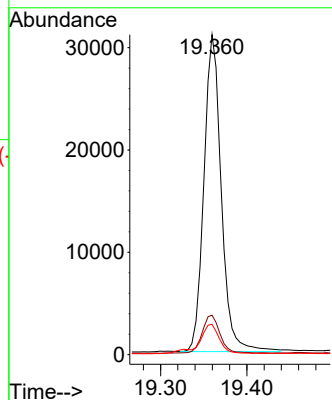
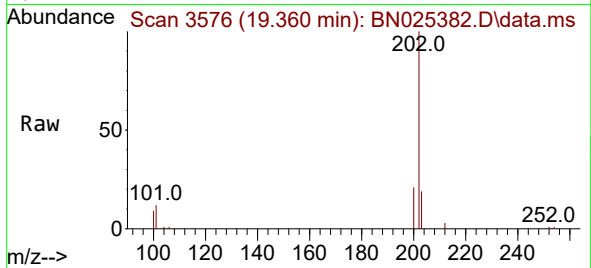




#19
Fluoranthene
Concen: 0.458 ng/ul
RT: 19.360 min Scan# 3576
Delta R.T. 0.001 min
Lab File: BN025382.D
Acq: 10 May 2023 16:07

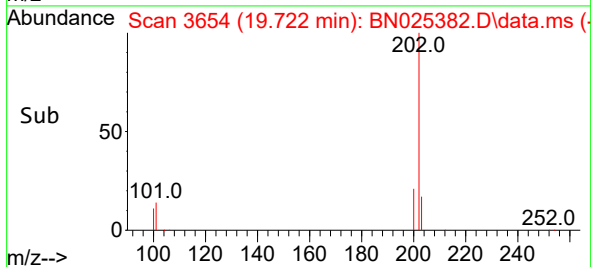
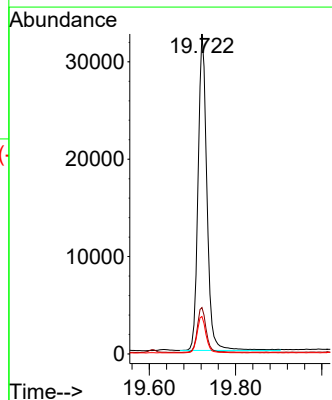
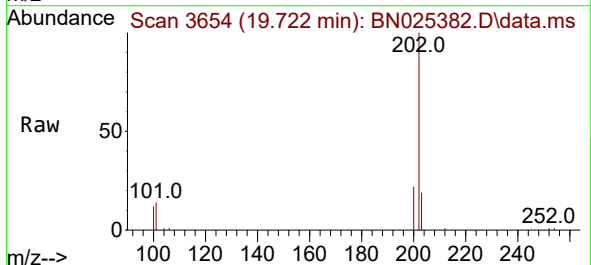
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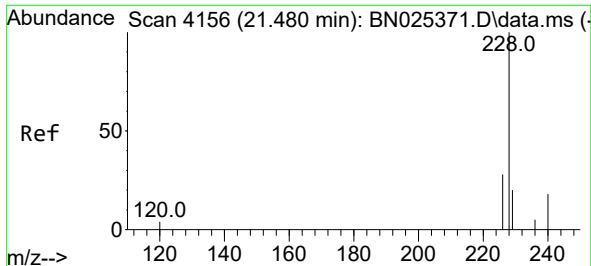
Tgt Ion:202 Resp: 43385
Ion Ratio Lower Upper
202 100
101 12.4 9.7 14.5
100 9.5 7.3 10.9



#20
Pyrene
Concen: 0.477 ng/ul
RT: 19.722 min Scan# 3654
Delta R.T. 0.001 min
Lab File: BN025382.D
Acq: 10 May 2023 16:07

Tgt Ion:202 Resp: 46411
Ion Ratio Lower Upper
202 100
101 14.5 11.3 16.9
100 11.7 9.2 13.8

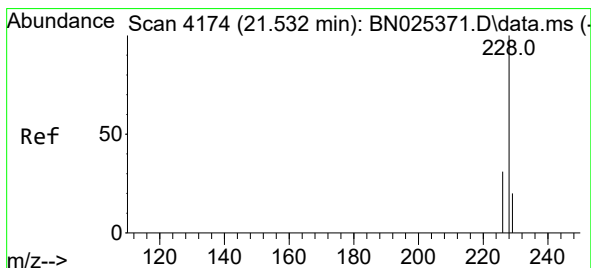
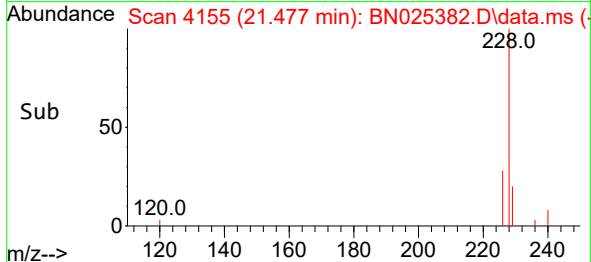
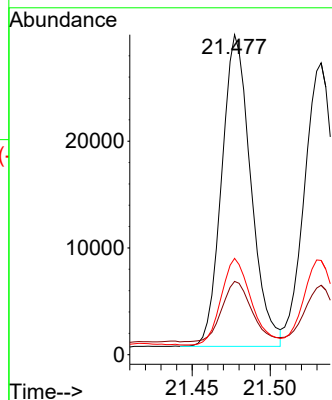
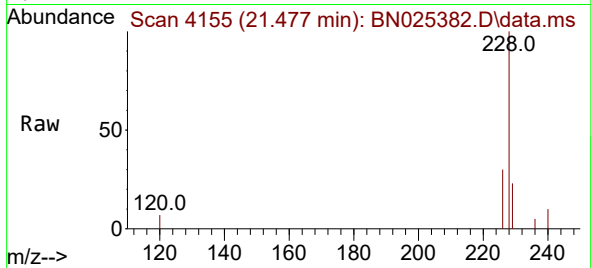




#21
Benzo(a)anthracene
Concen: 0.480 ng/ul
RT: 21.477 min Scan# 4156
Delta R.T. -0.002 min
Lab File: BN025382.D
Acq: 10 May 2023 16:07

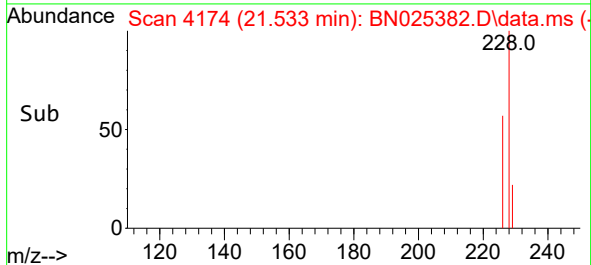
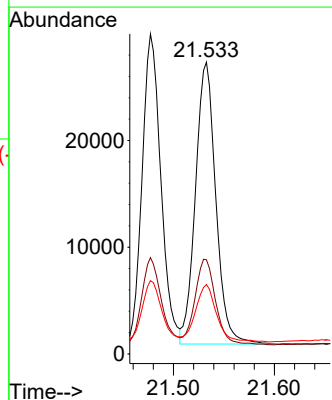
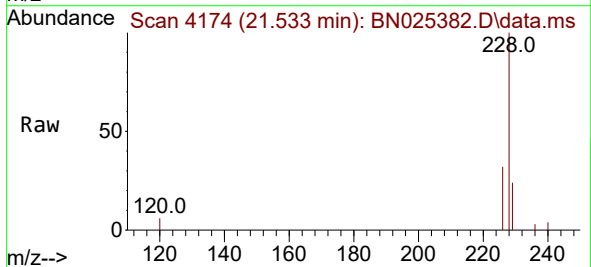
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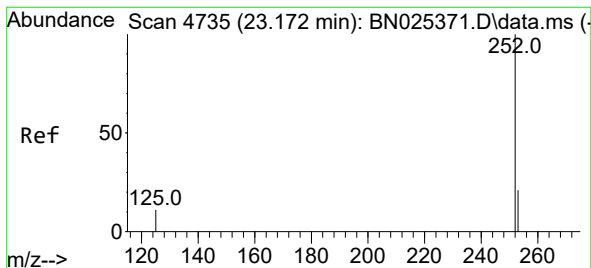
Tgt Ion:228 Resp: 37889
Ion Ratio Lower Upper
228 100
229 22.9 15.6 23.4
226 30.1 22.1 33.1



#22
Chrysene
Concen: 0.429 ng/ul
RT: 21.533 min Scan# 4174
Delta R.T. 0.001 min
Lab File: BN025382.D
Acq: 10 May 2023 16:07

Tgt Ion:228 Resp: 36968
Ion Ratio Lower Upper
228 100
226 32.3 24.5 36.7
229 23.8 15.8 23.6#





#24

Benzo(b)fluoranthene

Concen: 0.363 ng/ul

RT: 23.184 min Scan# 4739

Delta R.T. 0.012 min

Lab File: BN025382.D

Acq: 10 May 2023 16:07

Instrument :

BNA_N

ClientSampleId :

SSTD0.4298

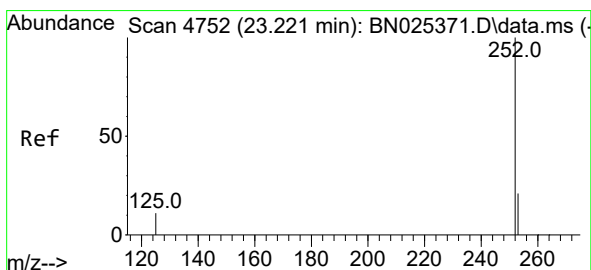
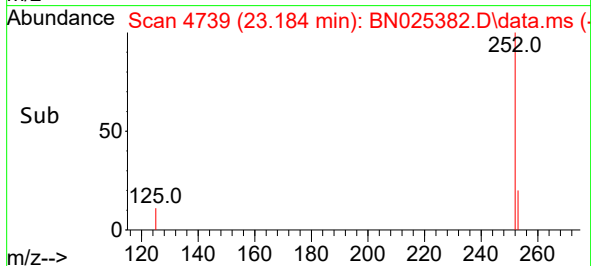
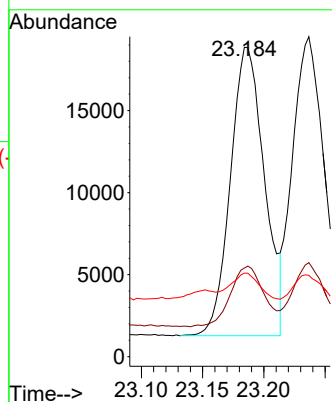
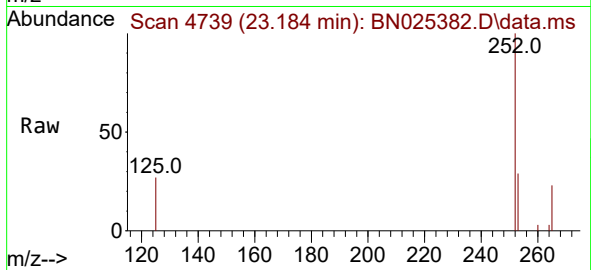
Tgt Ion:252 Resp: 34073

Ion Ratio Lower Upper

252 100

253 28.6 0.0 50.2

125 27.0 0.0 30.4



#25

Benzo(k)fluoranthene

Concen: 0.362 ng/ul

RT: 23.237 min Scan# 4757

Delta R.T. 0.015 min

Lab File: BN025382.D

Acq: 10 May 2023 16:07

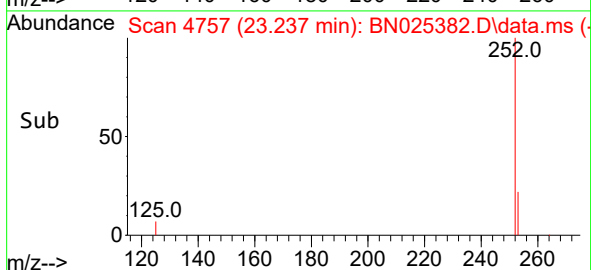
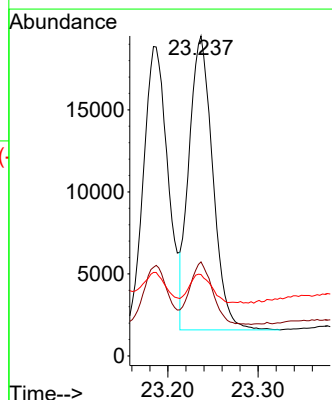
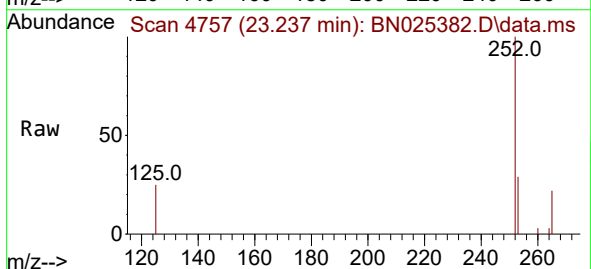
Tgt Ion:252 Resp: 32654

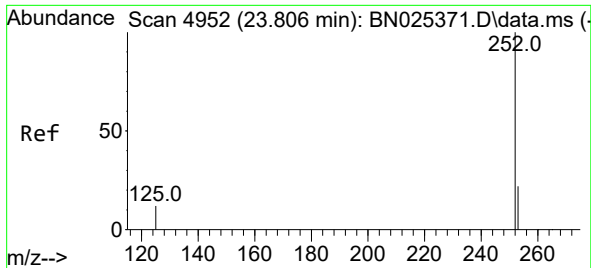
Ion Ratio Lower Upper

252 100

253 29.4 20.2 30.4

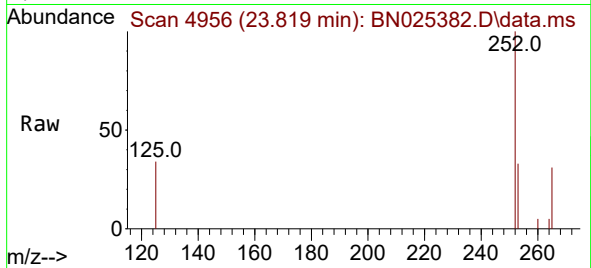
125 25.5 11.8 17.8#



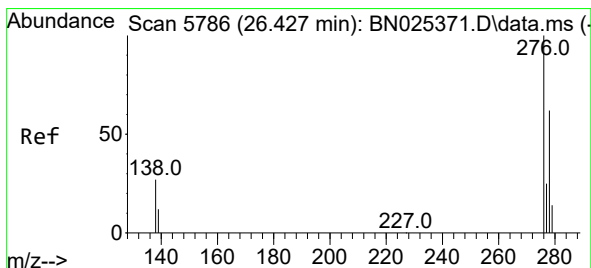
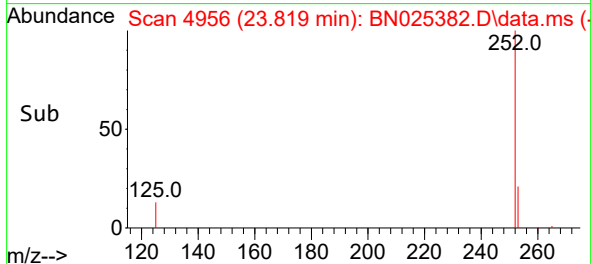
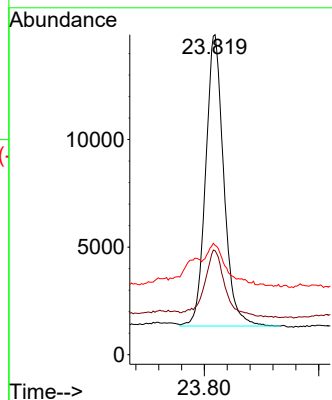


#26
Benzo(a)pyrene
Concen: 0.384 ng/ul
RT: 23.819 min Scan# 4956
Delta R.T. 0.012 min
Lab File: BN025382.D
Acq: 10 May 2023 16:07

Instrument :
BNA_N
ClientSampleId :
SSTD0.4298

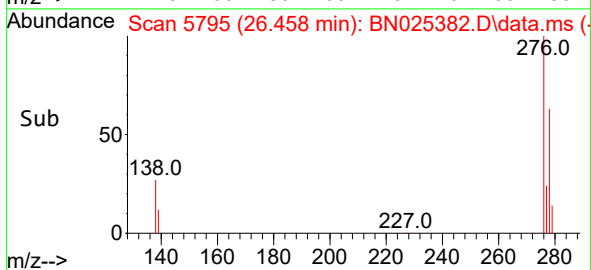
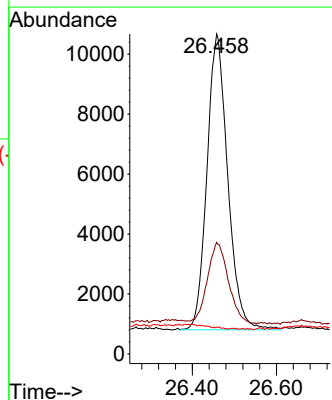
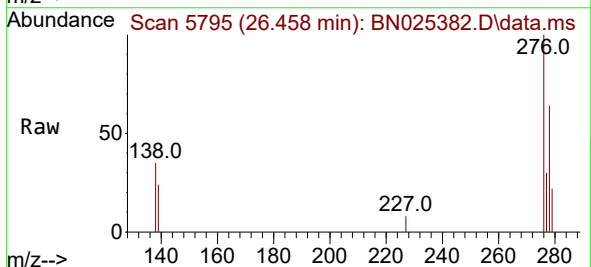


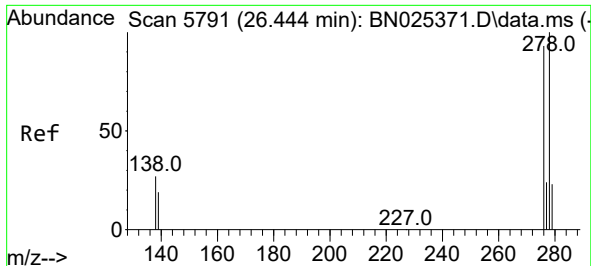
Tgt Ion:252 Resp: 29809
Ion Ratio Lower Upper
252 100
253 32.5 21.4 32.2#
125 34.2 14.6 22.0#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.378 ng/ul
RT: 26.458 min Scan# 5795
Delta R.T. 0.031 min
Lab File: BN025382.D
Acq: 10 May 2023 16:07

Tgt Ion:276 Resp: 33793
Ion Ratio Lower Upper
276 100
138 28.0 21.9 32.9
227 0.0 0.1 0.1#

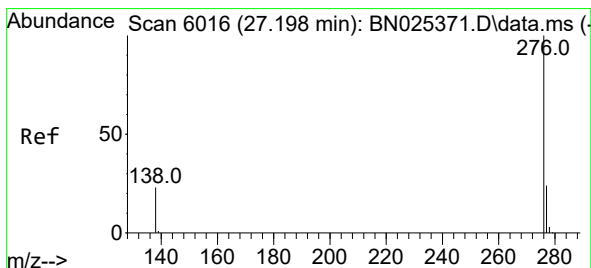
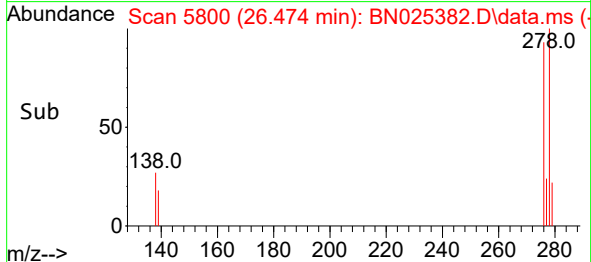
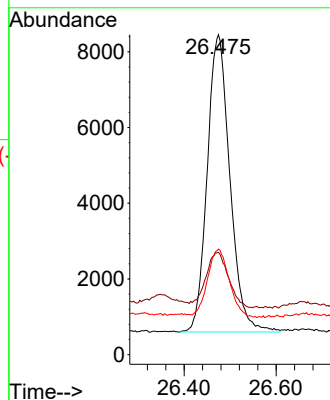
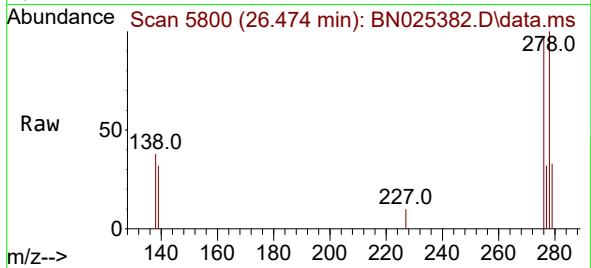




#28
Dibenzo(a,h)anthracene
Concen: 0.385 ng/ul
RT: 26.474 min Scan# 51
Delta R.T. 0.031 min
Lab File: BN025382.D
Acq: 10 May 2023 16:07

Instrument :
BNA_N
ClientSampleId :
SSTD0.4298

Tgt Ion:278 Resp: 26916
Ion Ratio Lower Upper
278 100
139 32.0 17.0 25.6#
279 33.0 21.8 32.8#



#29
Benzo(g,h,i)perylene
Concen: 0.374 ng/ul
RT: 27.239 min Scan# 6028
Delta R.T. 0.041 min
Lab File: BN025382.D
Acq: 10 May 2023 16:07

Tgt Ion:276 Resp: 28442
Ion Ratio Lower Upper
276 100
138 33.0 20.3 30.5#
277 30.5 19.8 29.6#

