

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062422\
 Data File : BN020402.D
 Acq On : 24 Jun 2022 17:51
 Operator : CG/JU
 Sample : PB145731BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS731

Quant Time: Jun 25 00:55:21 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 00:17:34 2022
 Response via : Initial Calibration

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

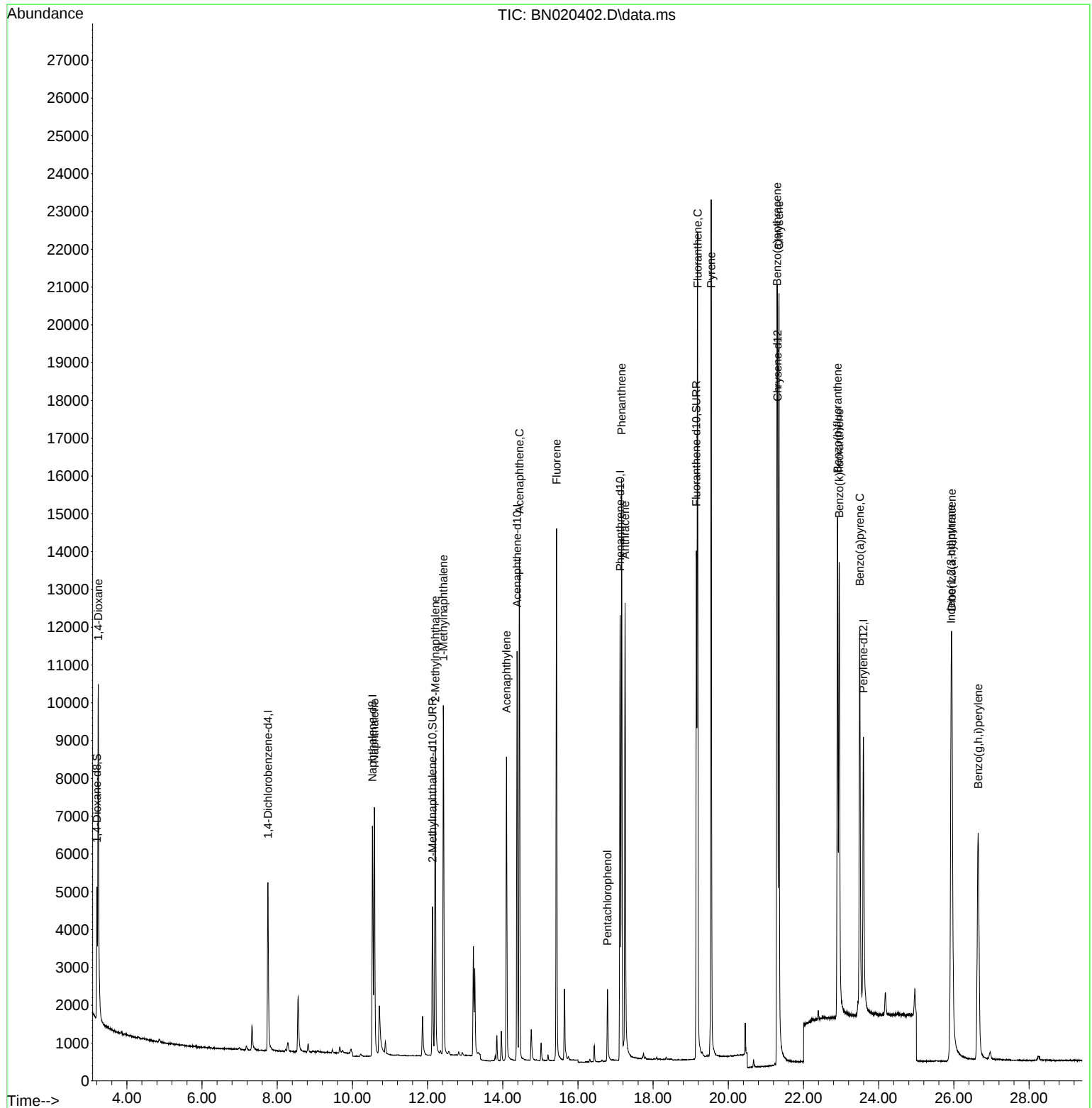
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.754	152	2767	0.400	ng/u1	0.00
4) Naphthalene-d8	10.533	136	9155	0.400	ng/u1	0.00
9) Acenaphthene-d10	14.380	164	6157	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.119	188	14223	0.400	ng/u1	0.00
17) Chrysene-d12	21.312	240	12752	0.400	ng/u1	0.00
23) Perylene-d12	23.595	264	10439	0.400	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	2363	0.737	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.128	152	5786	0.385	ng/u1	0.00
18) Fluoranthene-d10	19.149	212	15507	0.369	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.239	88	5890	1.799	ng/u1#	83
5) Naphthalene	10.583	128	9875	0.349	ng/u1	99
7) 2-Methylnaphthalene	12.205	142	6609	0.349	ng/u1	99
8) 1-Methylnaphthalene	12.420	142	6978	0.389	ng/u1	100
10) Acenaphthylene	14.098	152	9925	0.340	ng/u1	99
11) Acenaphthene	14.440	153	8010	0.343	ng/u1	99
12) Fluorene	15.430	166	9547	0.345	ng/u1	99
14) Pentachlorophenol	16.785	266	1446	0.504	ng/u1	99
15) Phenanthrene	17.161	178	17003	0.344	ng/u1	100
16) Anthracene	17.254	178	14637	0.343	ng/u1	100
19) Fluoranthene	19.181	202	19566	0.336	ng/u1	99
20) Pyrene	19.544	202	20199	0.334	ng/u1	98
21) Benzo(a)anthracene	21.294	228	16510	0.360	ng/u1	100
22) Chrysene	21.347	228	18834	0.369	ng/u1	100
24) Benzo(b)fluoranthene	22.905	252	17709	0.367	ng/u1	99
25) Benzo(k)fluoranthene	22.949	252	17482	0.358	ng/u1	100
26) Benzo(a)pyrene	23.495	252	15947	0.363	ng/u1	97
27) Indeno(1,2,3-cd)pyrene	25.926	276	16388	0.375	ng/u1	98
28) Dibenzo(a,h)anthracene	25.946	278	13241	0.375	ng/u1	99
29) Benzo(g,h,i)perylene	26.644	276	13988	0.373	ng/u1	99

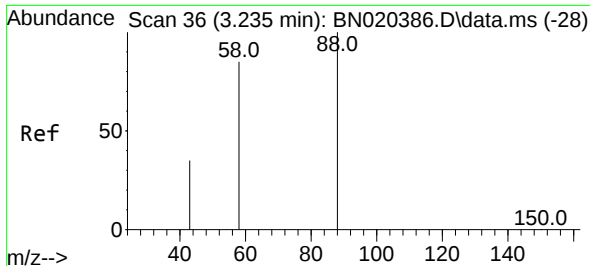
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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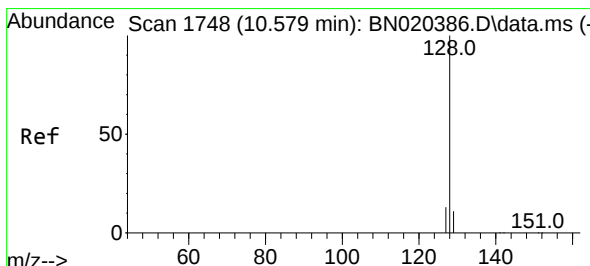
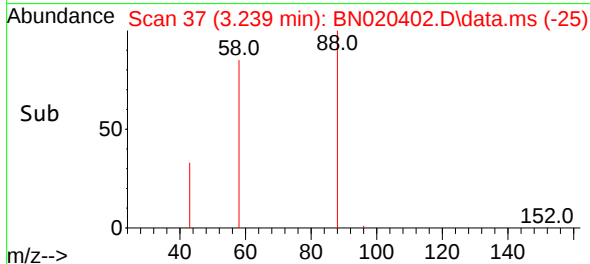
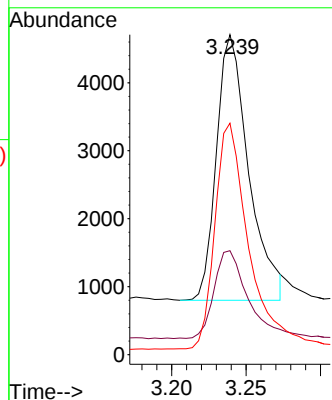
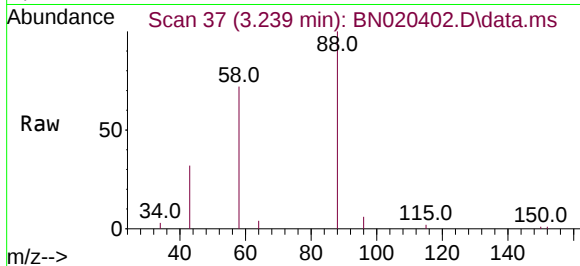




#2
1,4-Dioxane
Concen: 1.799 ng/ul
RT: 3.239 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN020402.D
Acq: 24 Jun 2022 17:51

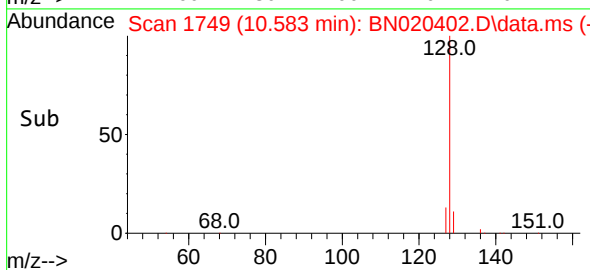
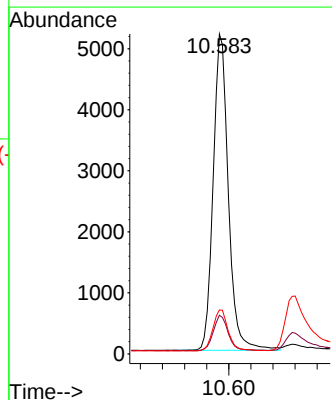
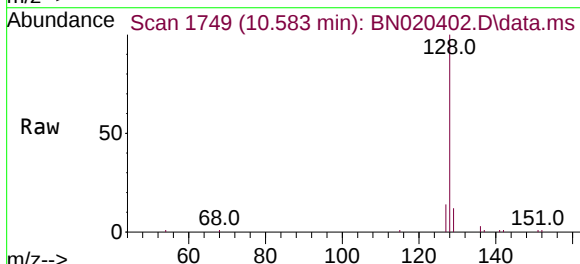
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BNA_N
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SLCS731

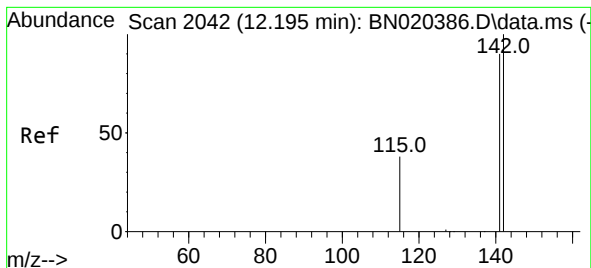
Tgt Ion: 88 Resp: 5890
Ion Ratio Lower Upper
88 100
43 32.5 32.5 48.7
58 72.3 46.2 69.2#



#5
Naphthalene
Concen: 0.349 ng/ul
RT: 10.583 min Scan# 1749
Delta R.T. 0.000 min
Lab File: BN020402.D
Acq: 24 Jun 2022 17:51

Tgt Ion: 128 Resp: 9875
Ion Ratio Lower Upper
128 100
129 12.1 9.5 14.3
127 13.7 11.3 16.9





#7

2-Methylnaphthalene

Concen: 0.349 ng/ul

RT: 12.205 min Scan# 2044

Delta R.T. 0.000 min

Lab File: BN020402.D

Acq: 24 Jun 2022 17:51

Instrument :

BNA_N

ClientSampleId :

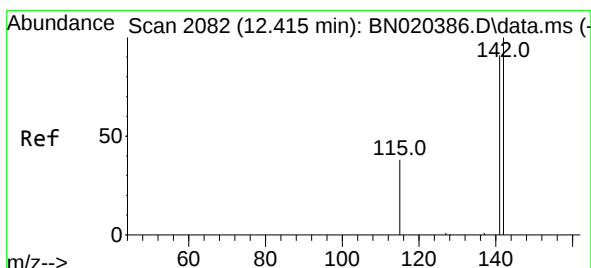
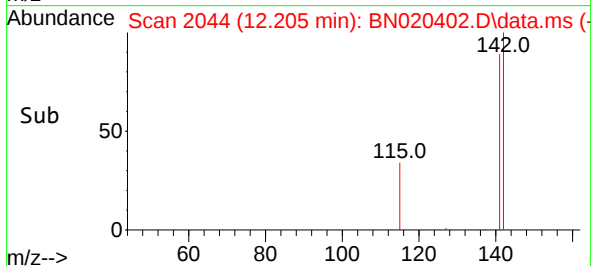
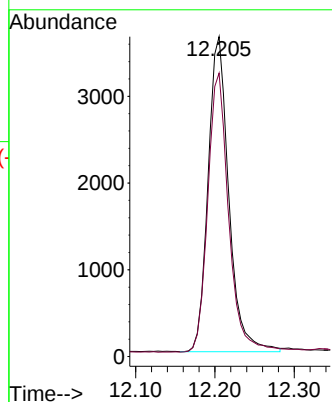
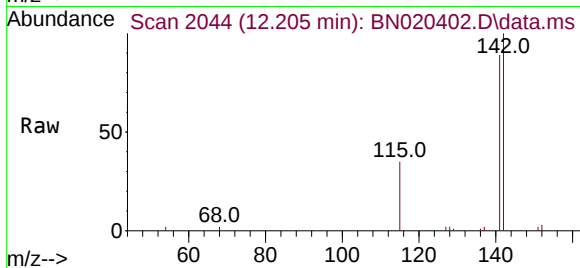
SLCS731

Tgt Ion:142 Resp: 6609

Ion Ratio Lower Upper

142 100

141 88.9 72.1 108.1



#8

1-Methylnaphthalene

Concen: 0.389 ng/ul

RT: 12.420 min Scan# 2083

Delta R.T. 0.000 min

Lab File: BN020402.D

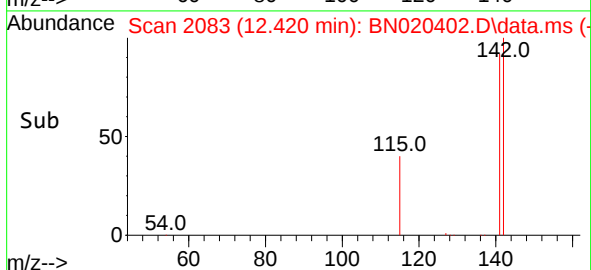
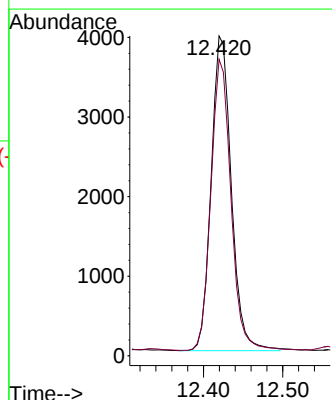
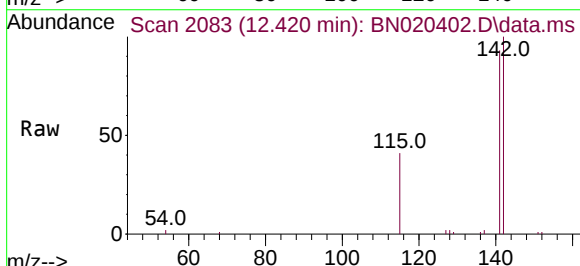
Acq: 24 Jun 2022 17:51

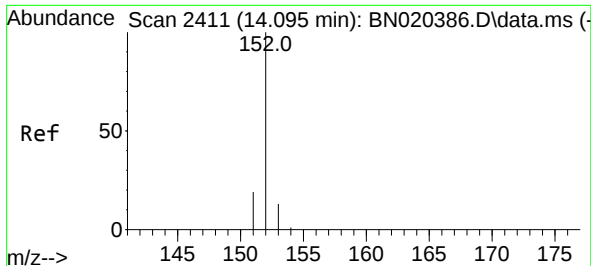
Tgt Ion:142 Resp: 6978

Ion Ratio Lower Upper

142 100

141 91.7 73.7 110.5

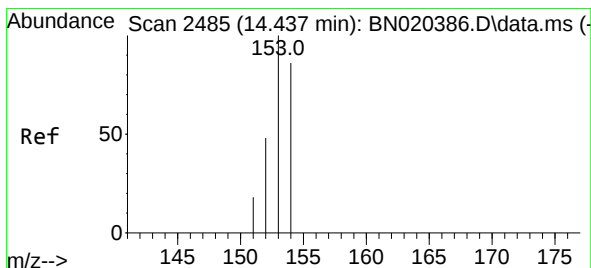
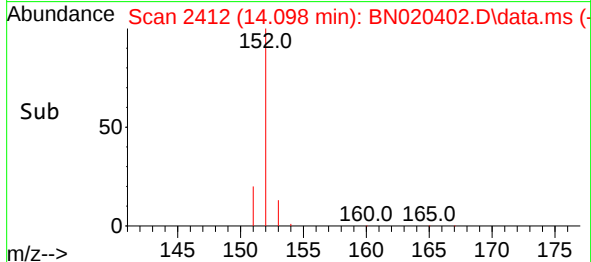
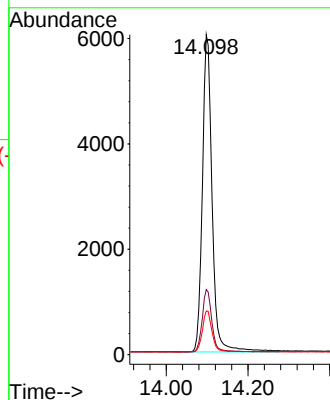
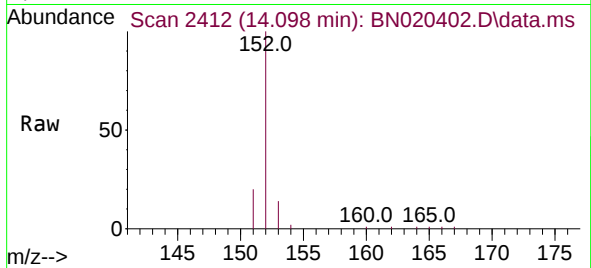




#10
Acenaphthylene
Concen: 0.340 ng/ul
RT: 14.098 min Scan# 2411
Delta R.T. 0.000 min
Lab File: BN020402.D
Acq: 24 Jun 2022 17:51

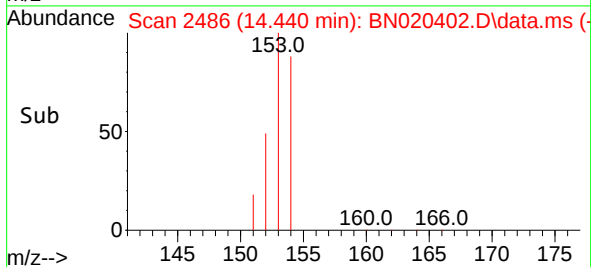
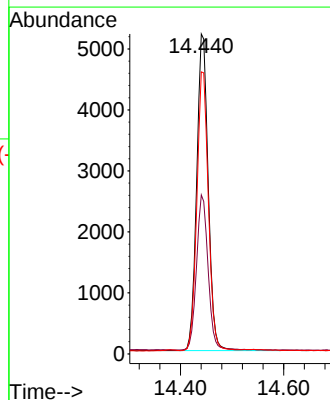
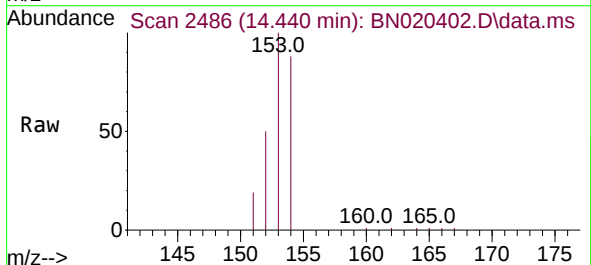
Instrument :
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ClientSampleId :
SLCS731

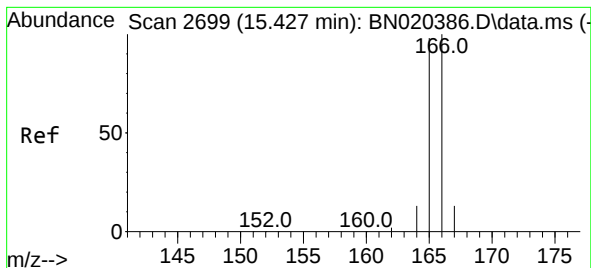
Tgt Ion:152 Resp: 9925
Ion Ratio Lower Upper
152 100
151 20.3 16.5 24.7
153 13.6 11.1 16.7



#11
Acenaphthene
Concen: 0.343 ng/ul
RT: 14.440 min Scan# 2486
Delta R.T. 0.000 min
Lab File: BN020402.D
Acq: 24 Jun 2022 17:51

Tgt Ion:153 Resp: 8010
Ion Ratio Lower Upper
153 100
152 49.7 40.0 60.0
154 88.1 70.0 105.0





#12

Fluorene

Concen: 0.345 ng/ul

RT: 15.430 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN020402.D

Acq: 24 Jun 2022 17:51

Instrument :

BNA_N

ClientSampleId :

SLCS731

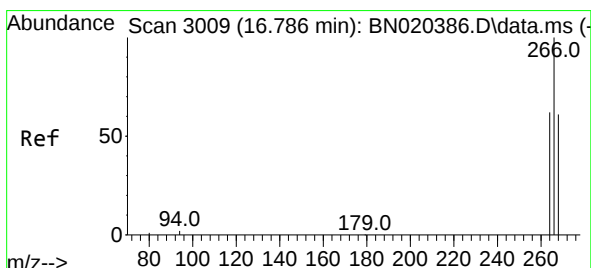
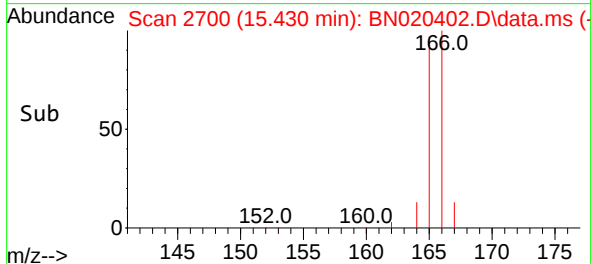
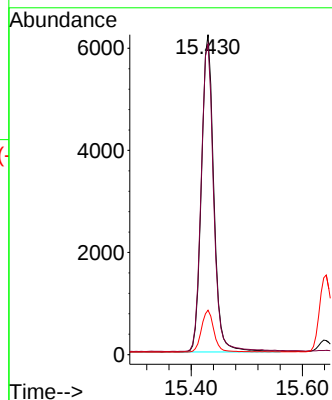
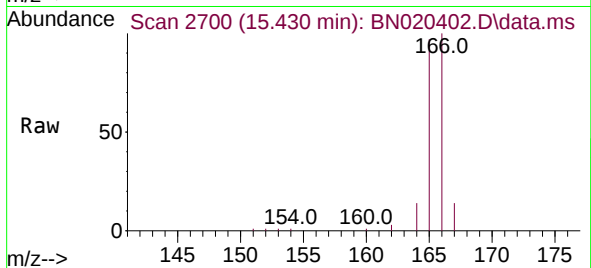
Tgt Ion:166 Resp: 9547

Ion Ratio Lower Upper

166 100

165 97.1 78.2 117.2

167 13.9 11.3 16.9



#14

Pentachlorophenol

Concen: 0.504 ng/ul

RT: 16.785 min Scan# 3009

Delta R.T. 0.000 min

Lab File: BN020402.D

Acq: 24 Jun 2022 17:51

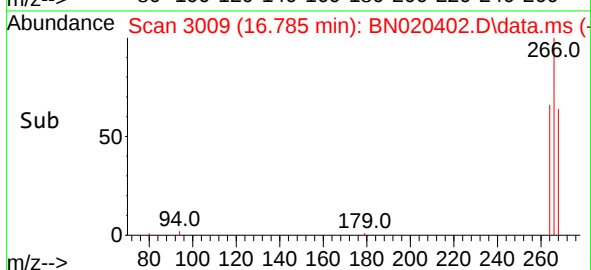
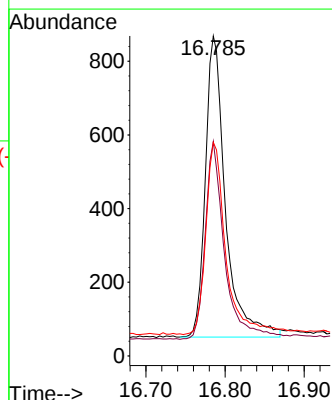
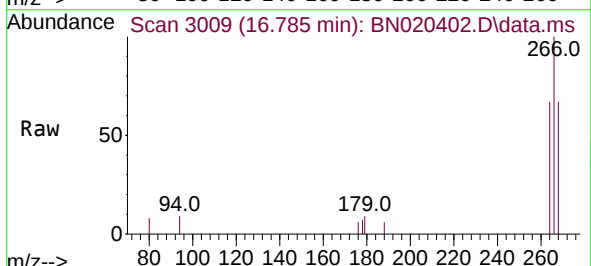
Tgt Ion:266 Resp: 1446

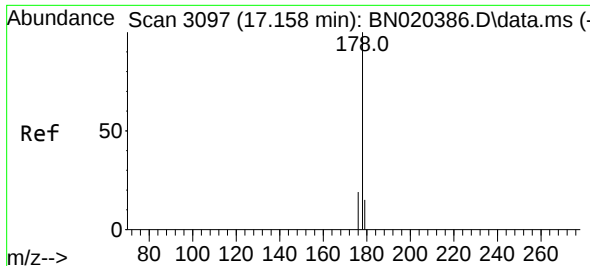
Ion Ratio Lower Upper

266 100

264 63.2 51.6 77.4

268 63.5 51.5 77.3

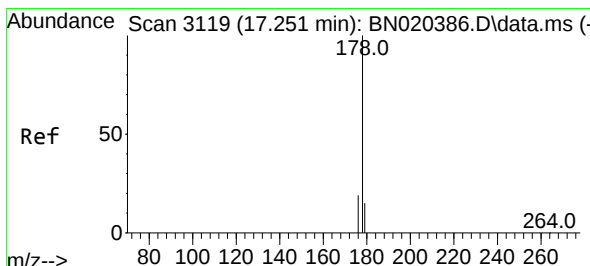
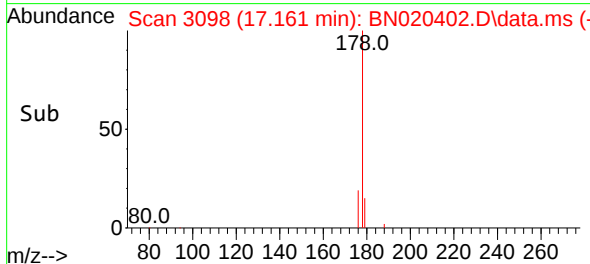
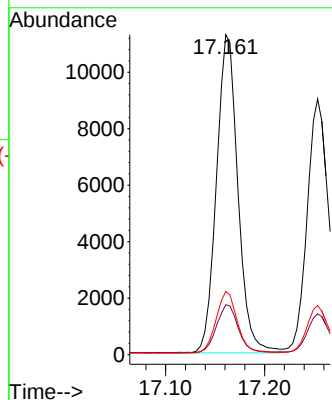
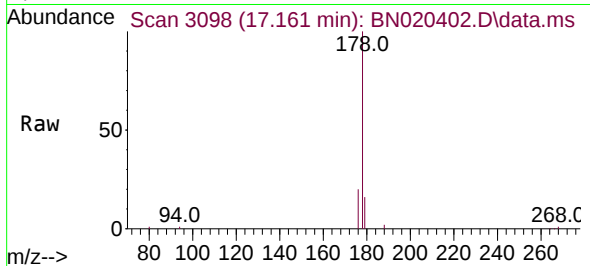




#15
Phenanthrene
Concen: 0.344 ng/ul
RT: 17.161 min Scan# 3098
Delta R.T. 0.000 min
Lab File: BN020402.D
Acq: 24 Jun 2022 17:51

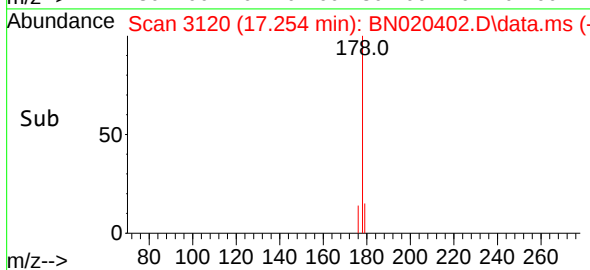
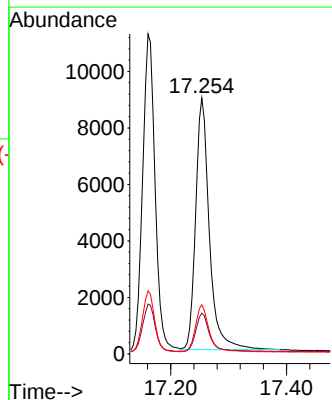
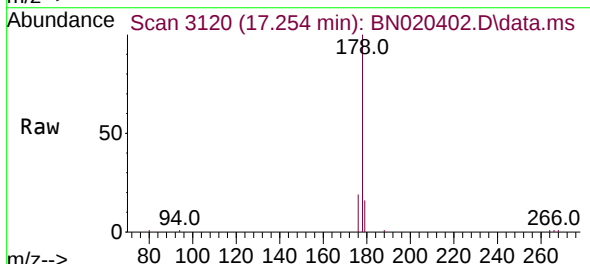
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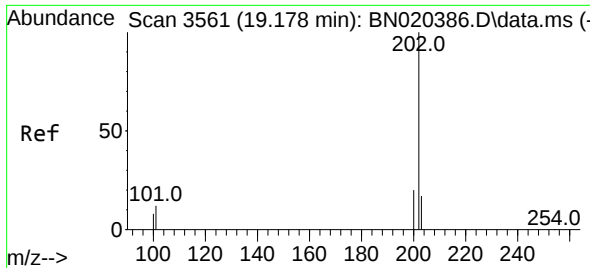
Tgt Ion:178 Resp: 17003
Ion Ratio Lower Upper
178 100
179 15.6 12.6 18.8
176 19.7 15.8 23.6



#16
Anthracene
Concen: 0.343 ng/ul
RT: 17.254 min Scan# 3120
Delta R.T. 0.000 min
Lab File: BN020402.D
Acq: 24 Jun 2022 17:51

Tgt Ion:178 Resp: 14637
Ion Ratio Lower Upper
178 100
179 15.9 12.8 19.2
176 19.2 15.2 22.8

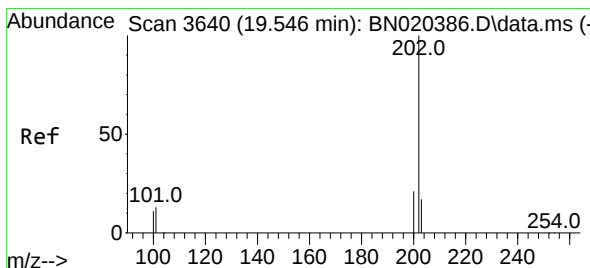
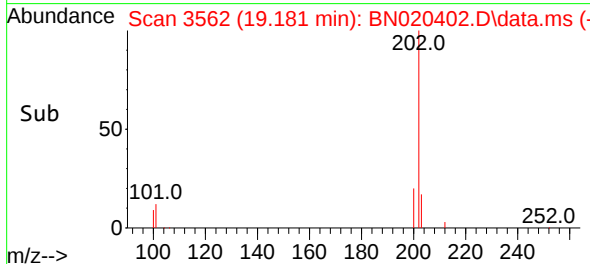
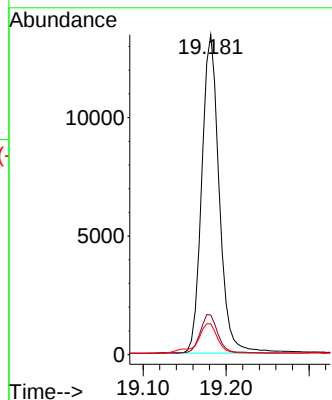
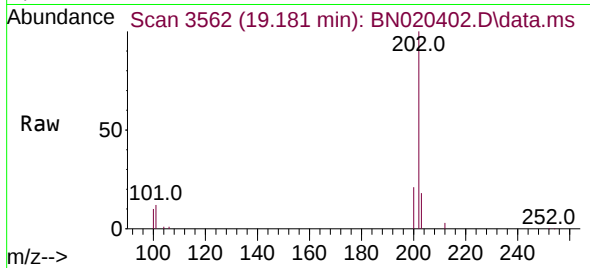




#19
Fluoranthene
Concen: 0.336 ng/ul
RT: 19.181 min Scan# 3561
Delta R.T. 0.000 min
Lab File: BN020402.D
Acq: 24 Jun 2022 17:51

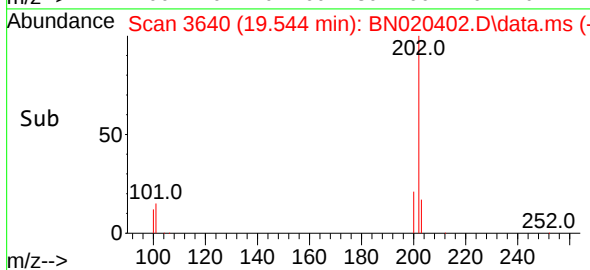
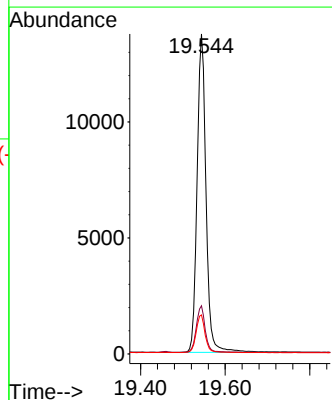
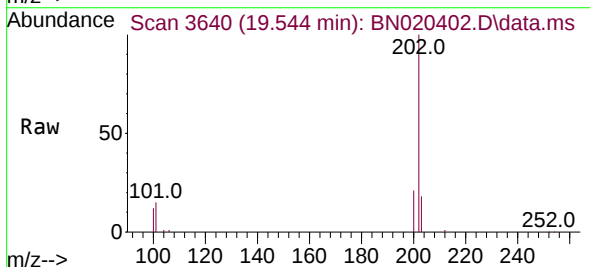
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BNA_N
ClientSampleId :
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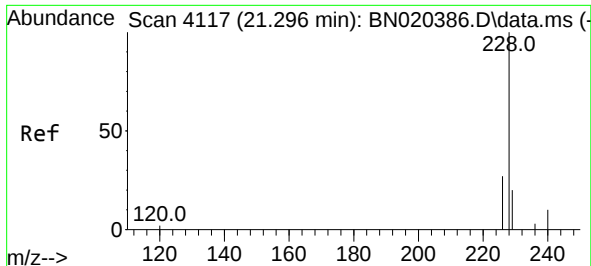
Tgt Ion:202 Resp: 19566
Ion Ratio Lower Upper
202 100
101 12.4 10.3 15.5
100 9.6 7.8 11.6



#20
Pyrene
Concen: 0.334 ng/ul
RT: 19.544 min Scan# 3640
Delta R.T. 0.000 min
Lab File: BN020402.D
Acq: 24 Jun 2022 17:51

Tgt Ion:202 Resp: 20199
Ion Ratio Lower Upper
202 100
101 15.0 11.6 17.4
100 12.2 9.2 13.8

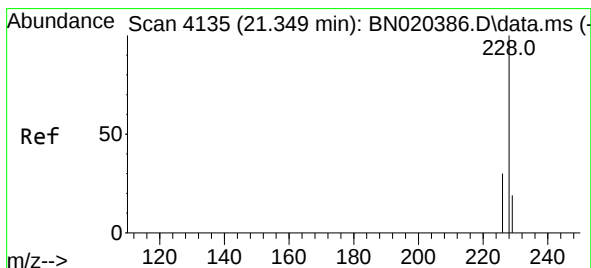
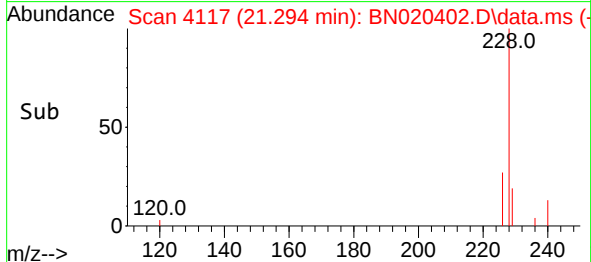
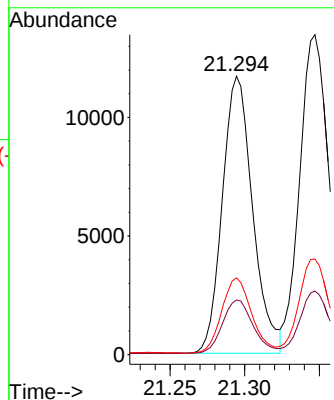
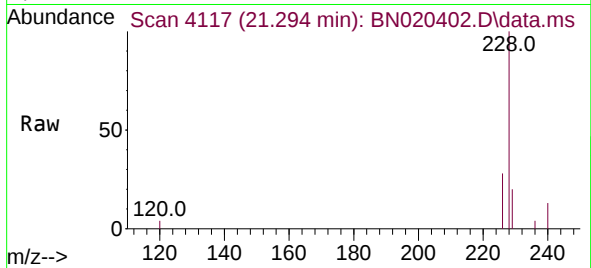




#21
Benzo(a)anthracene
Concen: 0.360 ng/ul
RT: 21.294 min Scan# 4117
Delta R.T. 0.000 min
Lab File: BN020402.D
Acq: 24 Jun 2022 17:51

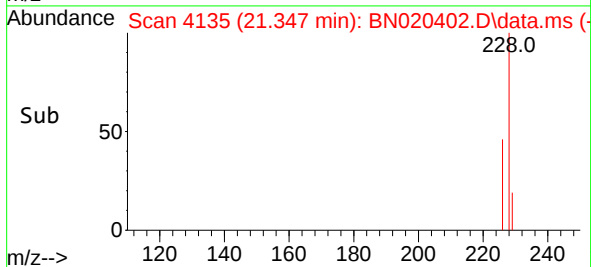
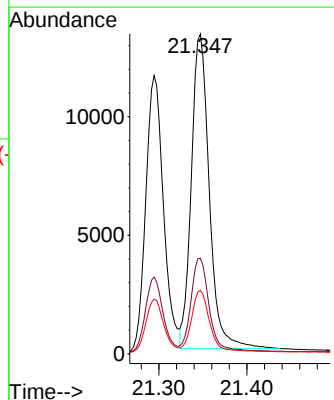
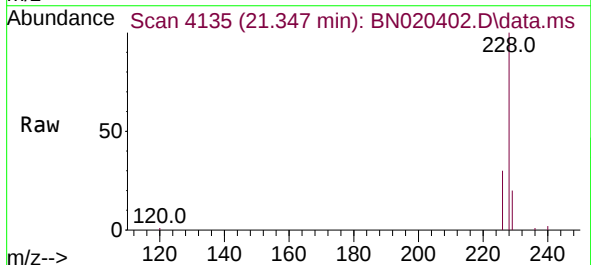
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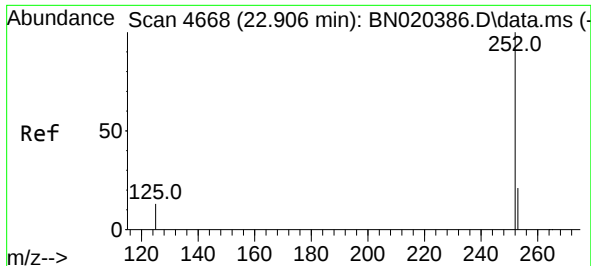
Tgt Ion:228 Resp: 16510
Ion Ratio Lower Upper
228 100
229 19.7 15.9 23.9
226 27.6 22.2 33.2



#22
Chrysene
Concen: 0.369 ng/ul
RT: 21.347 min Scan# 4135
Delta R.T. 0.000 min
Lab File: BN020402.D
Acq: 24 Jun 2022 17:51

Tgt Ion:228 Resp: 18834
Ion Ratio Lower Upper
228 100
226 29.9 23.9 35.9
229 19.9 15.8 23.8

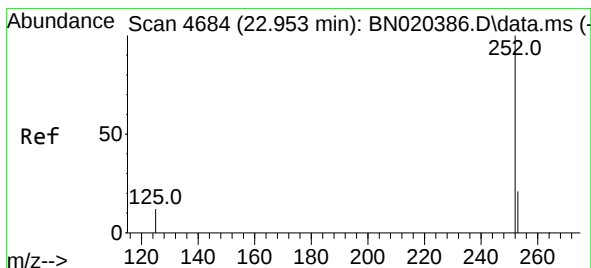
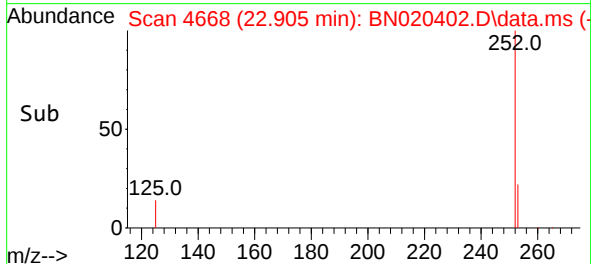
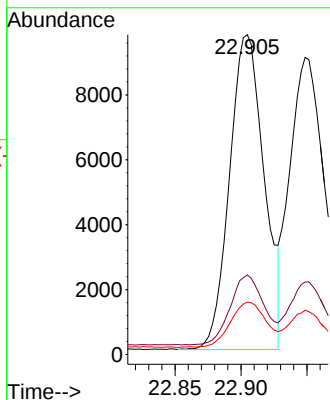
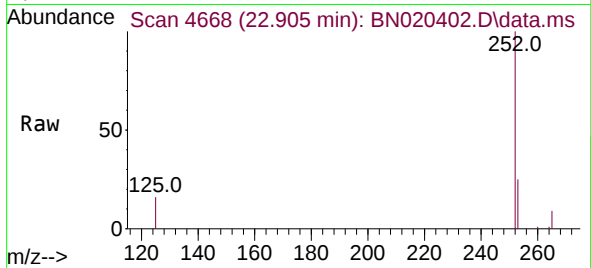




#24
Benzo(b)fluoranthene
Concen: 0.367 ng/ul
RT: 22.905 min Scan# 4668
Delta R.T. 0.000 min
Lab File: BN020402.D
Acq: 24 Jun 2022 17:51

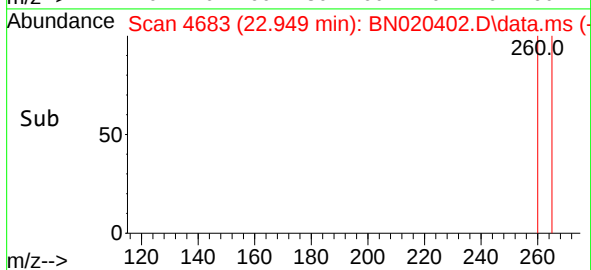
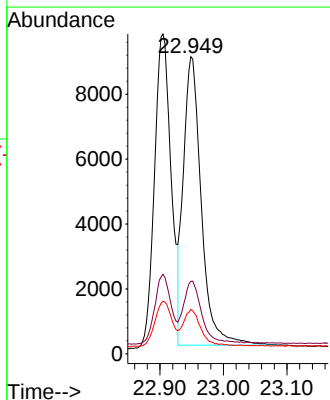
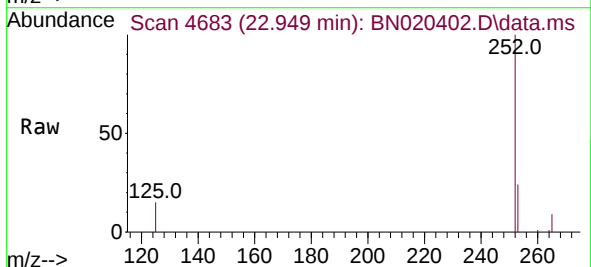
Instrument :
BNA_N
ClientSampleId :
SLCS731

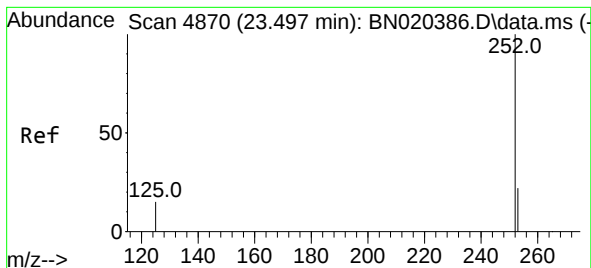
Tgt Ion:252 Resp: 17709
Ion Ratio Lower Upper
252 100
253 24.9 0.0 48.6
125 16.4 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.358 ng/ul
RT: 22.949 min Scan# 4683
Delta R.T. -0.003 min
Lab File: BN020402.D
Acq: 24 Jun 2022 17:51

Tgt Ion:252 Resp: 17482
Ion Ratio Lower Upper
252 100
253 24.4 19.7 29.5
125 14.9 12.0 18.0





#26

Benzo(a)pyrene

Concen: 0.363 ng/ul

RT: 23.495 min Scan# 4870

Delta R.T. 0.003 min

Lab File: BN020402.D

Acq: 24 Jun 2022 17:51

Instrument :

BNA_N

ClientSampleId :

SLCS731

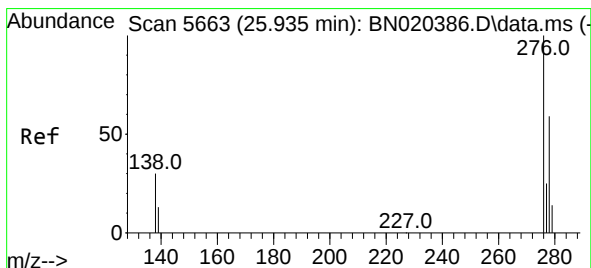
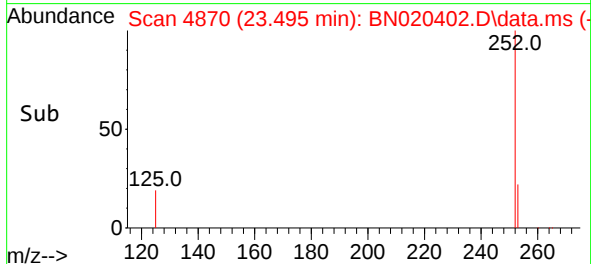
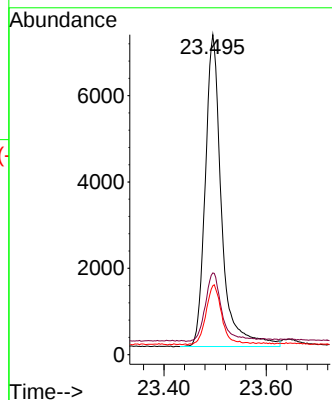
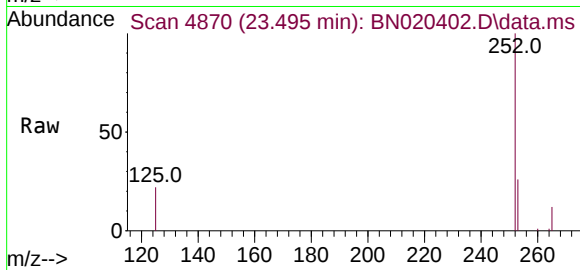
Tgt Ion:252 Resp: 15947

Ion Ratio Lower Upper

252 100

253 25.5 21.0 31.4

125 21.5 18.8 28.2



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.375 ng/ul

RT: 25.926 min Scan# 5661

Delta R.T. -0.007 min

Lab File: BN020402.D

Acq: 24 Jun 2022 17:51

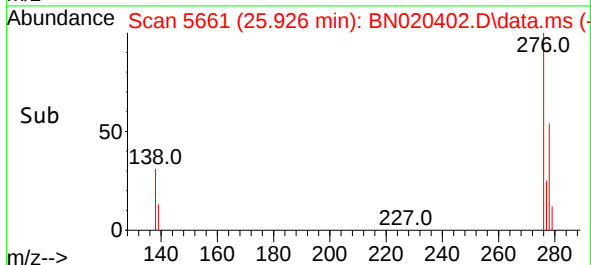
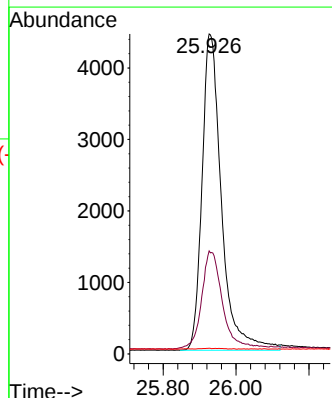
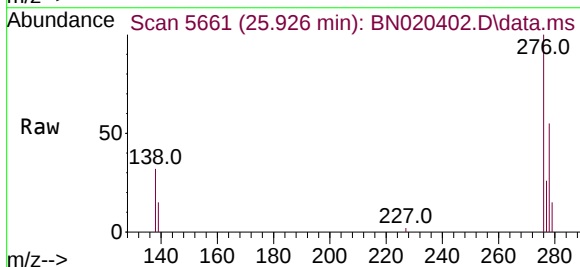
Tgt Ion:276 Resp: 16388

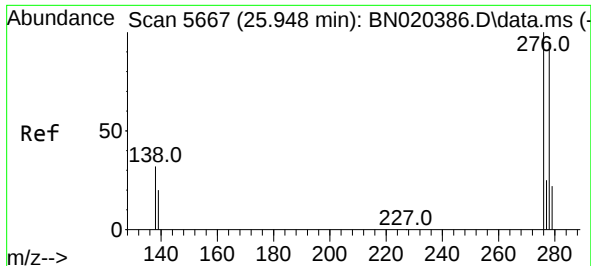
Ion Ratio Lower Upper

276 100

138 33.2 27.4 41.2

227 0.2 0.2 0.2

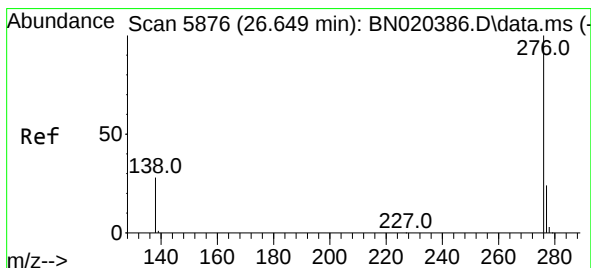
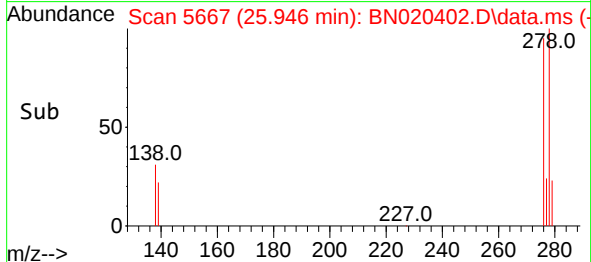
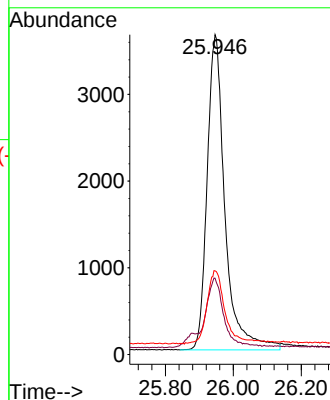
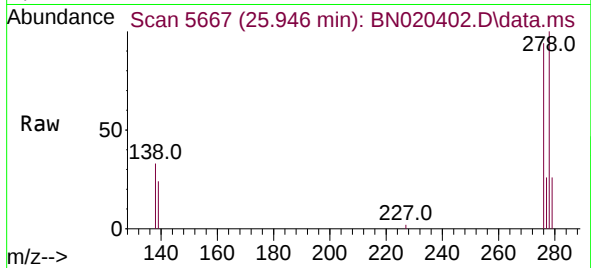




#28
Dibenzo(a,h)anthracene
Concen: 0.375 ng/ul
RT: 25.946 min Scan# 5667
Delta R.T. -0.003 min
Lab File: BN020402.D
Acq: 24 Jun 2022 17:51

Instrument :
BNA_N
ClientSampleId :
SLCS731

Tgt Ion:278 Resp: 13241
Ion Ratio Lower Upper
278 100
139 23.8 18.8 28.2
279 26.2 21.4 32.0



#29
Benzo(g,h,i)perylene
Concen: 0.373 ng/ul
RT: 26.644 min Scan# 5875
Delta R.T. -0.003 min
Lab File: BN020402.D
Acq: 24 Jun 2022 17:51

Tgt Ion:276 Resp: 13988
Ion Ratio Lower Upper
276 100
138 29.9 23.5 35.3
277 24.8 20.1 30.1

