

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080222\
 Data File : BN020965.D
 Acq On : 03 Aug 2022 05:25
 Operator : CG/JU
 Sample : PB146650BS
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS650

Quant Time: Aug 03 06:03:35 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 02 04:19:04 2022
 Response via : Initial Calibration

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

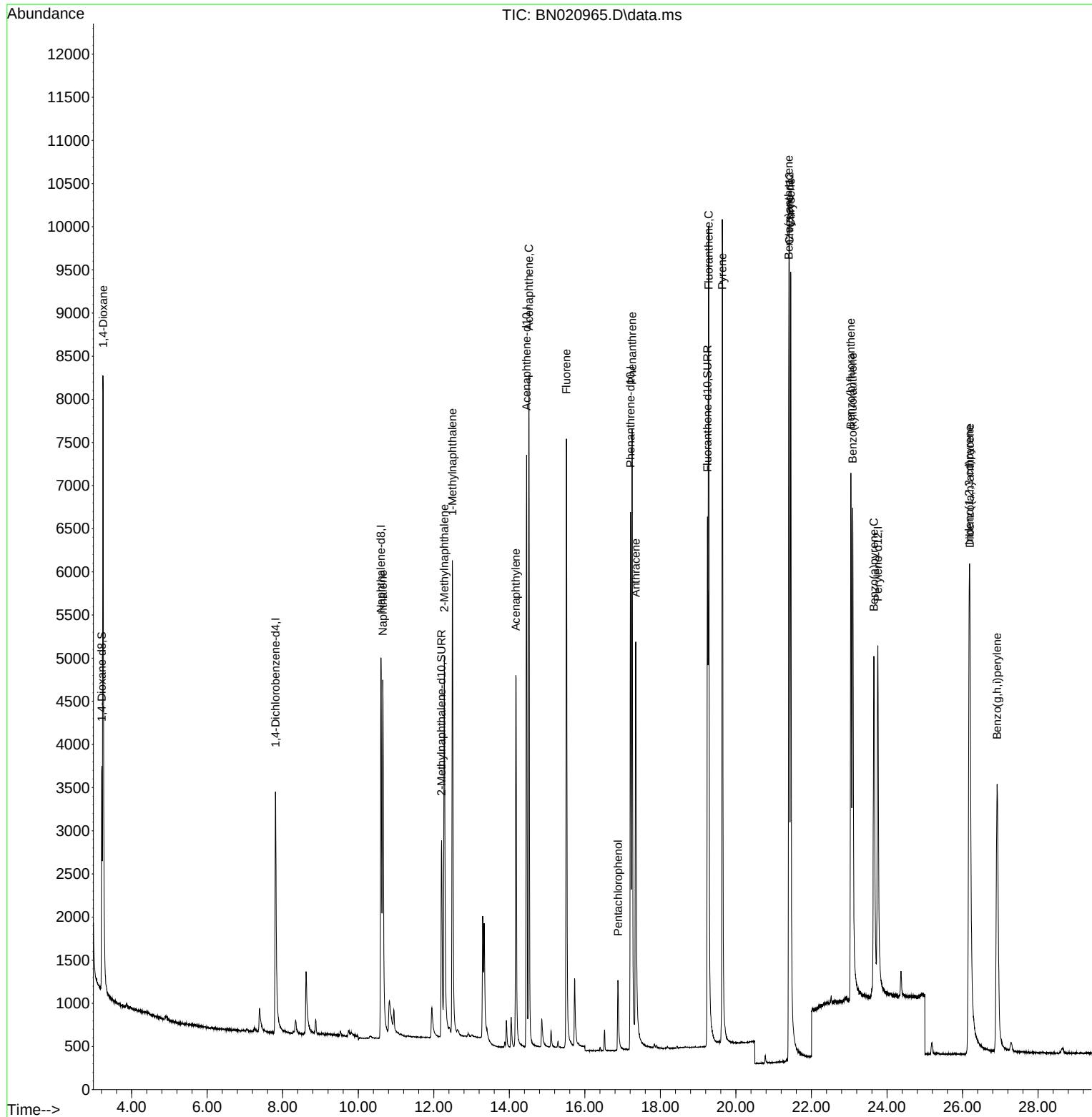
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	2206	0.400	ng/ul	0.00
4) Naphthalene-d8	10.602	136	7362	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.457	164	4093	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.210	188	8013	0.400	ng/ul	0.00
17) Chrysene-d12	21.415	240	6884	0.400	ng/ul	0.00
23) Perylene-d12	23.759	264	6224	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	1780	0.662	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.208	152	3756	0.346	ng/ul	0.00
18) Fluoranthene-d10	19.249	212	7896	0.375	ng/ul	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.244	88	4859	1.678	ng/ul#	86
5) Naphthalene	10.651	128	6973	0.347	ng/ul	99
7) 2-Methylnaphthalene	12.279	142	4147	0.338	ng/ul	99
8) 1-Methylnaphthalene	12.493	142	4533	0.335	ng/ul	100
10) Acenaphthylene	14.174	152	5928	0.354	ng/ul	99
11) Acenaphthene	14.521	153	4837	0.346	ng/ul	100
12) Fluorene	15.511	166	5306	0.329	ng/ul	99
14) Pentachlorophenol	16.876	266	762	0.596	ng/ul	98
15) Phenanthrene	17.252	178	8580	0.316	ng/ul	100
16) Anthracene	17.349	178	6970	0.298	ng/ul	100
19) Fluoranthene	19.277	202	9422	0.305	ng/ul	99
20) Pyrene	19.640	202	9764	0.301	ng/ul	96
21) Benzo(a)anthracene	21.401	228	7197	0.288	ng/ul	99
22) Chrysene	21.450	228	9086	0.294	ng/ul	99
24) Benzo(b)fluoranthene	23.043	252	8499	0.286	ng/ul	99
25) Benzo(k)fluoranthene	23.093	252	9168	0.285	ng/ul	99
26) Benzo(a)pyrene	23.654	252	8128	0.290	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.179	276	9054	0.275	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.196	278	7278	0.270	ng/ul	99
29) Benzo(g,h,i)perylene	26.917	276	7965	0.266	ng/ul	98

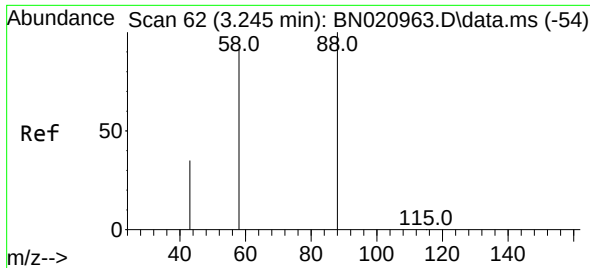
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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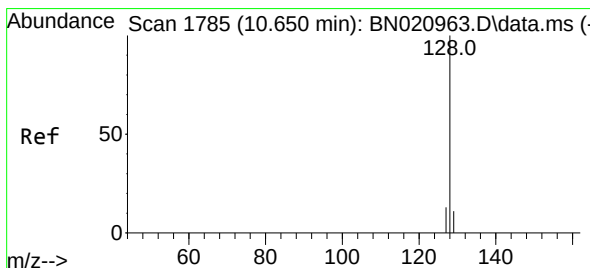
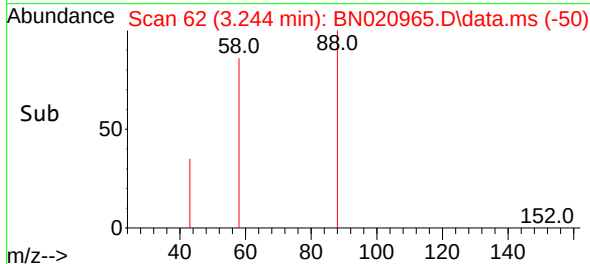
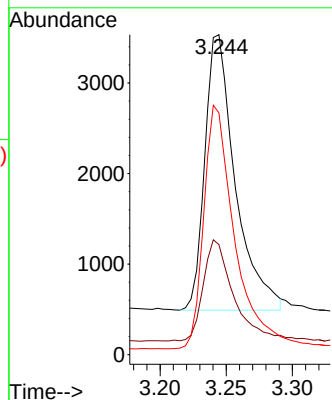
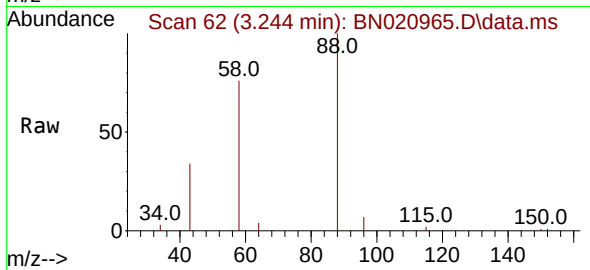




#2
 1,4-Dioxane
 Concen: 1.678 ng/ul
 RT: 3.244 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN020965.D
 Acq: 03 Aug 2022 05:25

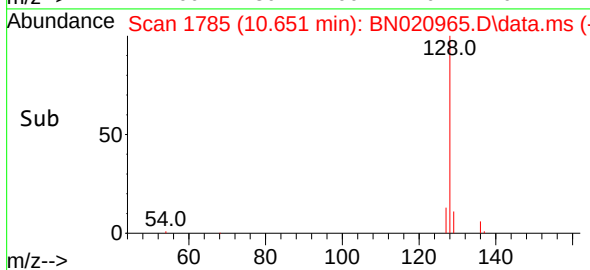
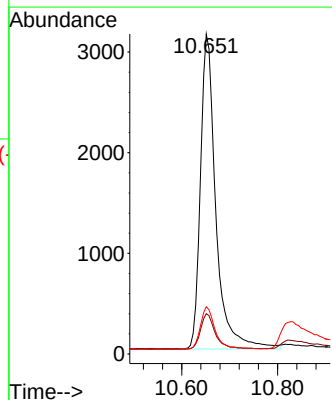
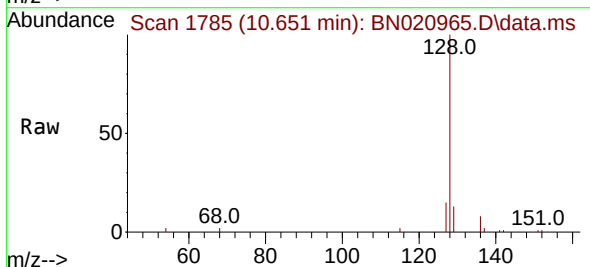
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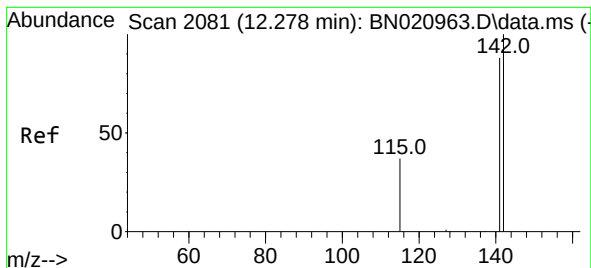
Tgt Ion: 88 Resp: 4859
 Ion Ratio Lower Upper
 88 100
 43 34.4 31.4 47.0
 58 75.6 49.0 73.6#



#5
 Naphthalene
 Concen: 0.347 ng/ul
 RT: 10.651 min Scan# 1785
 Delta R.T. -0.006 min
 Lab File: BN020965.D
 Acq: 03 Aug 2022 05:25

Tgt Ion: 128 Resp: 6973
 Ion Ratio Lower Upper
 128 100
 129 12.6 9.8 14.6
 127 14.7 11.6 17.4

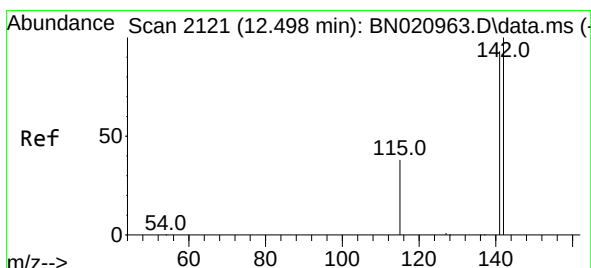
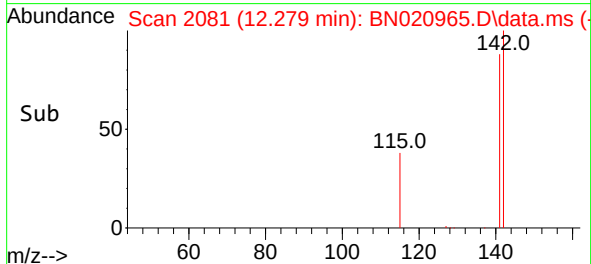
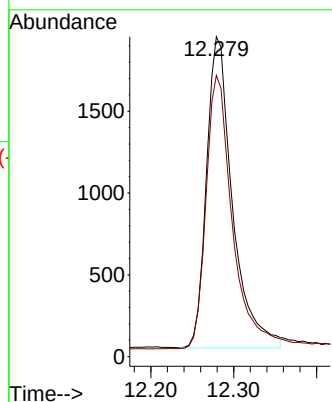
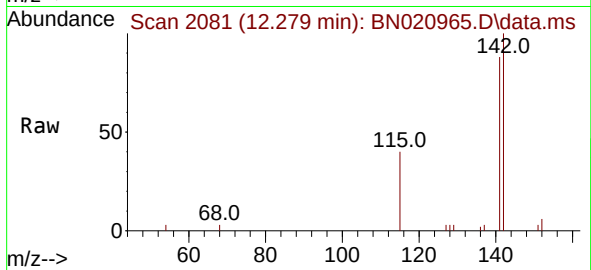




#7
2-Methylnaphthalene
Concen: 0.338 ng/ul
RT: 12.279 min Scan# 2081
Delta R.T. -0.006 min
Lab File: BN020965.D
Acq: 03 Aug 2022 05:25

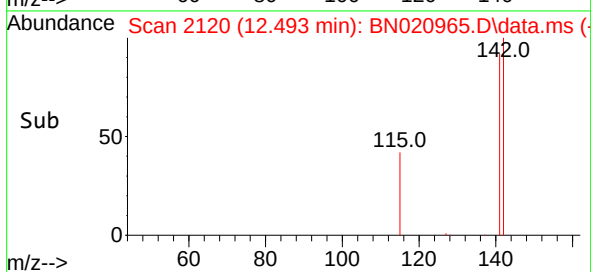
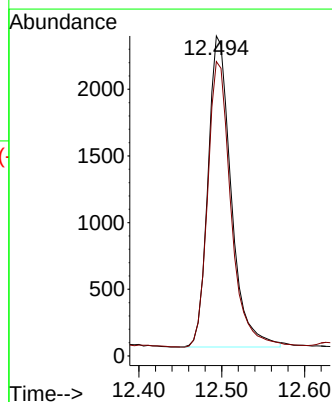
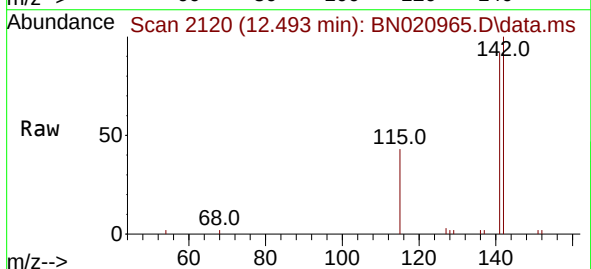
Instrument :
BNA_N
ClientSampleId :
SLCS650

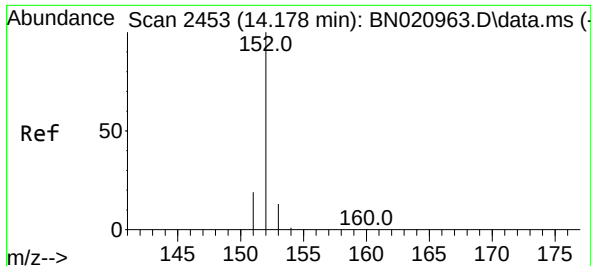
Tgt Ion:142 Resp: 4147
Ion Ratio Lower Upper
142 100
141 88.9 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.335 ng/ul
RT: 12.493 min Scan# 2120
Delta R.T. -0.006 min
Lab File: BN020965.D
Acq: 03 Aug 2022 05:25

Tgt Ion:142 Resp: 4533
Ion Ratio Lower Upper
142 100
141 92.2 73.9 110.9

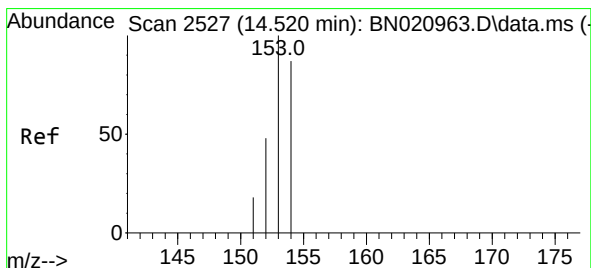
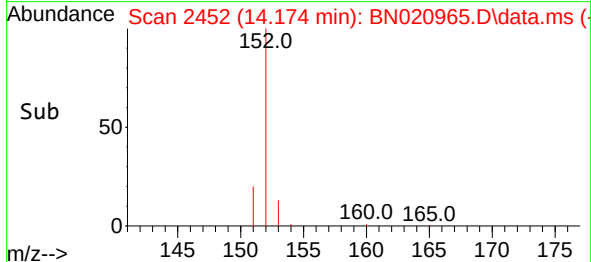
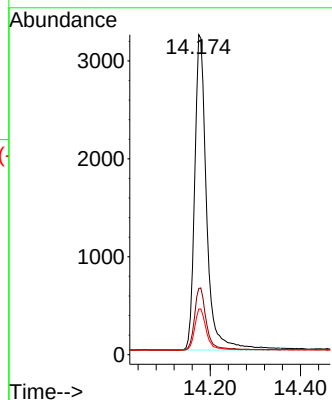
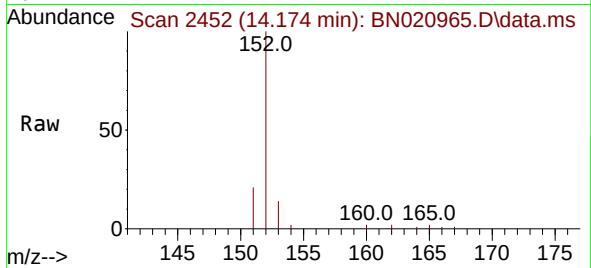




#10
Acenaphthylene
Concen: 0.354 ng/ul
RT: 14.174 min Scan# 2453
Delta R.T. -0.005 min
Lab File: BN020965.D
Acq: 03 Aug 2022 05:25

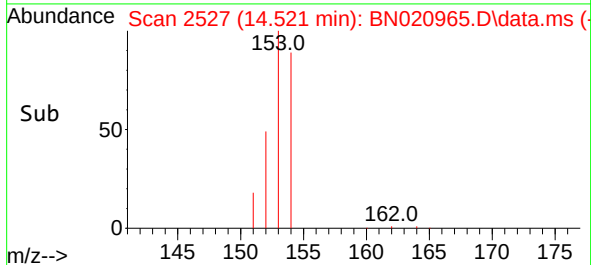
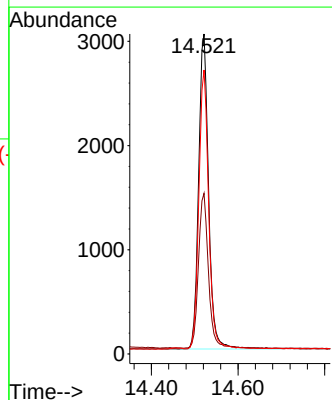
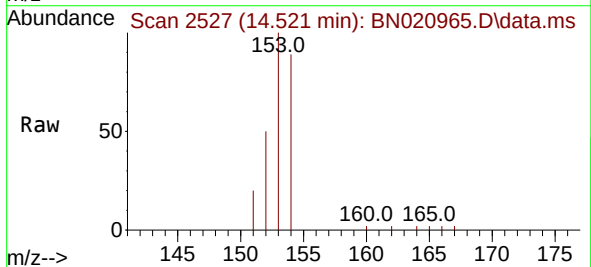
Instrument :
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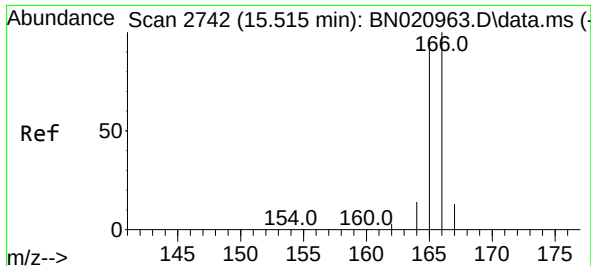
Tgt Ion:152 Resp: 5928
Ion Ratio Lower Upper
152 100
151 20.7 16.9 25.3
153 14.2 11.2 16.8



#11
Acenaphthene
Concen: 0.346 ng/ul
RT: 14.521 min Scan# 2527
Delta R.T. -0.000 min
Lab File: BN020965.D
Acq: 03 Aug 2022 05:25

Tgt Ion:153 Resp: 4837
Ion Ratio Lower Upper
153 100
152 50.2 40.2 60.4
154 88.8 70.7 106.1

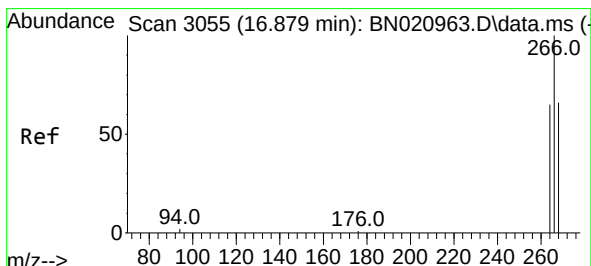
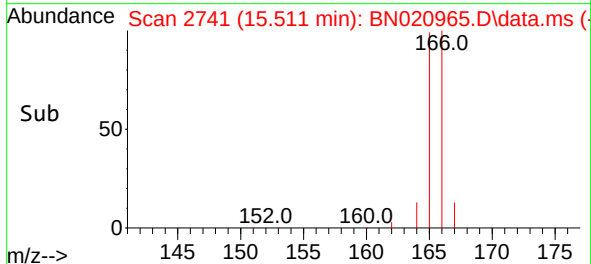
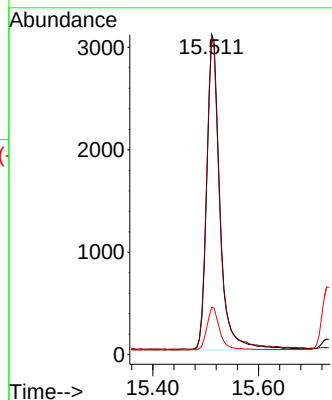
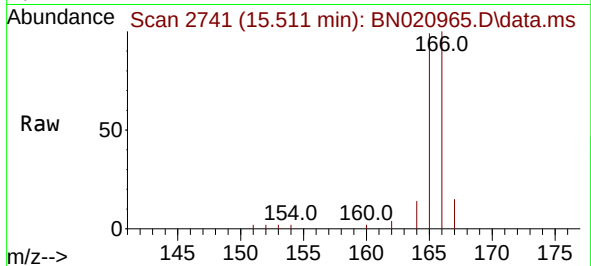




#12
Fluorene
Concen: 0.329 ng/ul
RT: 15.511 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN020965.D
Acq: 03 Aug 2022 05:25

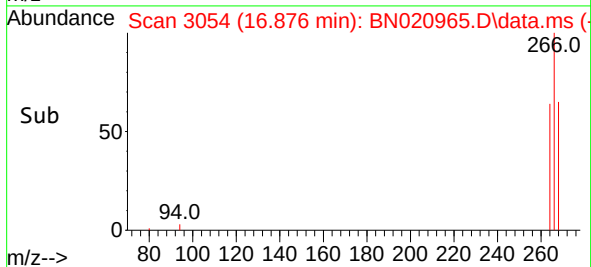
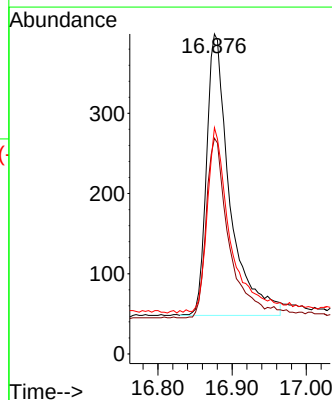
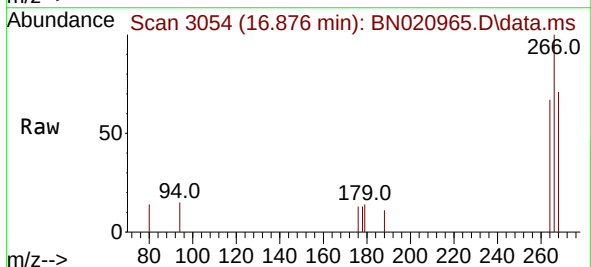
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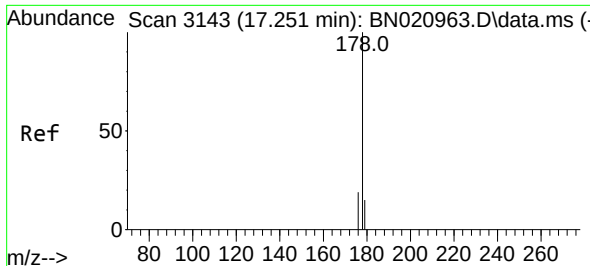
Tgt Ion:166 Resp: 5306
Ion Ratio Lower Upper
166 100
165 99.3 78.6 117.8
167 14.8 11.8 17.6



#14
Pentachlorophenol
Concen: 0.596 ng/ul
RT: 16.876 min Scan# 3054
Delta R.T. -0.008 min
Lab File: BN020965.D
Acq: 03 Aug 2022 05:25

Tgt Ion:266 Resp: 762
Ion Ratio Lower Upper
266 100
264 63.4 49.8 74.8
268 65.0 50.6 75.8

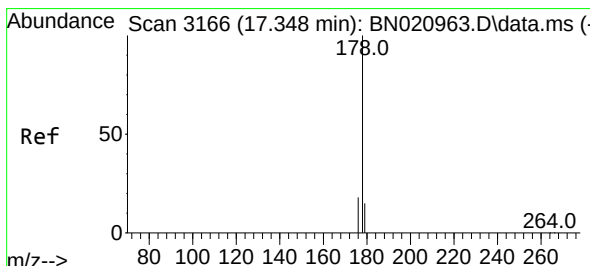
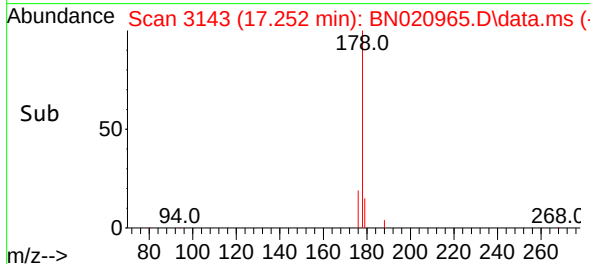
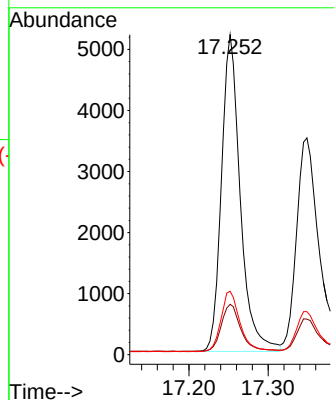
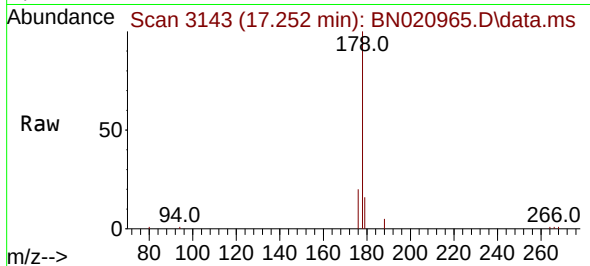




#15
Phenanthrene
Concen: 0.316 ng/u1
RT: 17.252 min Scan# 3143
Delta R.T. -0.004 min
Lab File: BN020965.D
Acq: 03 Aug 2022 05:25

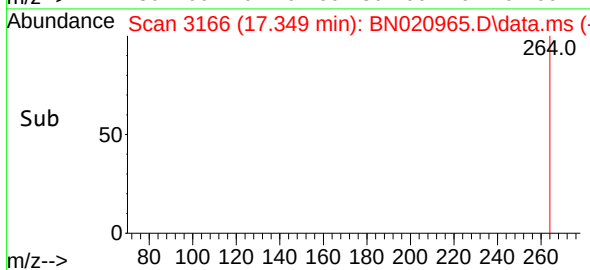
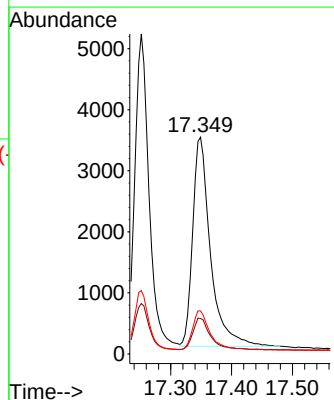
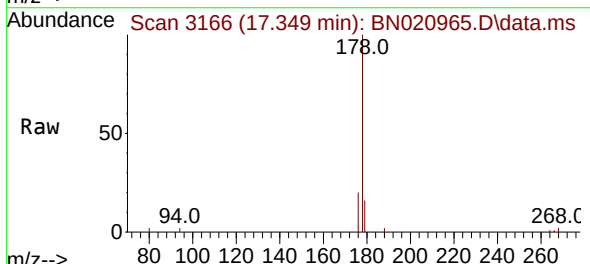
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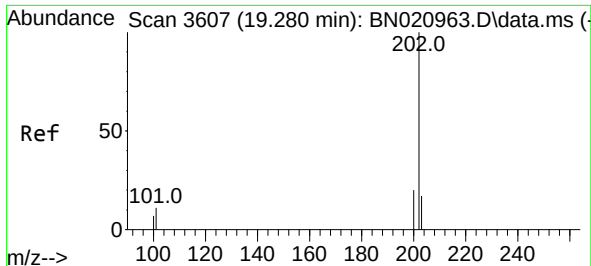
Tgt Ion:178 Resp: 8580
Ion Ratio Lower Upper
178 100
179 15.8 12.8 19.2
176 19.8 15.9 23.9



#16
Anthracene
Concen: 0.298 ng/u1
RT: 17.349 min Scan# 3166
Delta R.T. -0.000 min
Lab File: BN020965.D
Acq: 03 Aug 2022 05:25

Tgt Ion:178 Resp: 6970
Ion Ratio Lower Upper
178 100
179 16.4 12.9 19.3
176 19.8 15.9 23.9

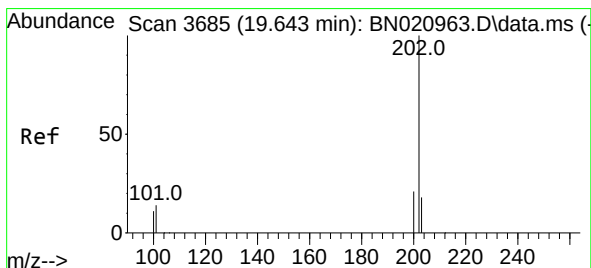
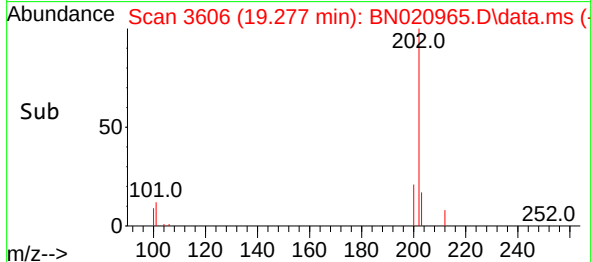
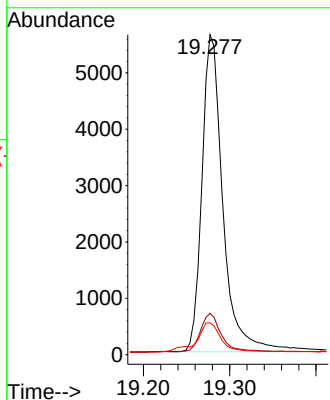
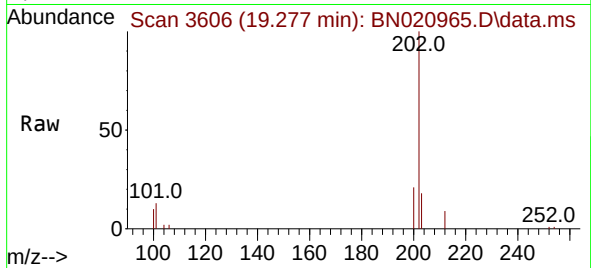




#19
Fluoranthene
Concen: 0.305 ng/u1
RT: 19.277 min Scan# 3606
Delta R.T. -0.005 min
Lab File: BN020965.D
Acq: 03 Aug 2022 05:25

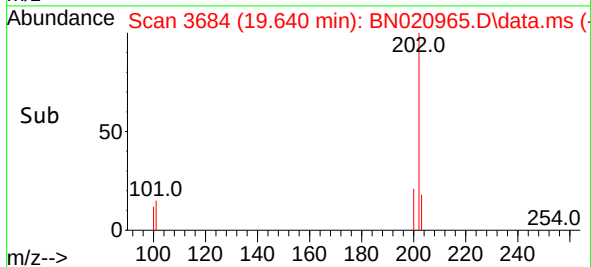
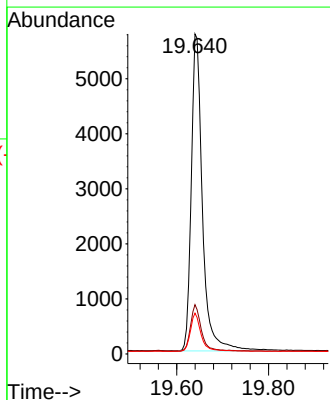
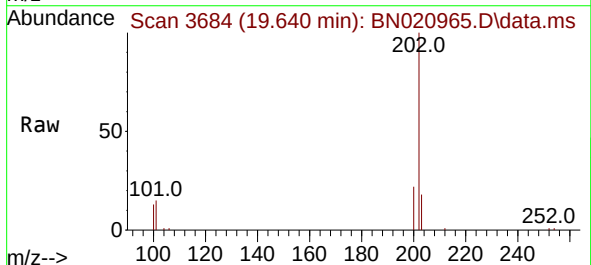
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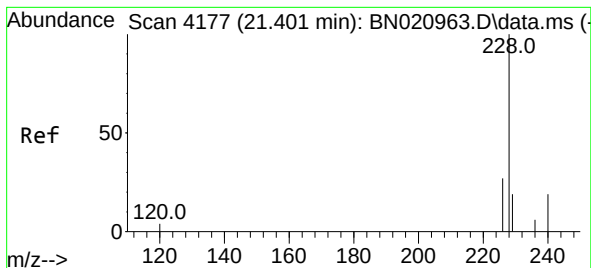
Tgt Ion:202 Resp: 9422
Ion Ratio Lower Upper
202 100
101 12.9 10.0 15.0
100 9.9 8.0 12.0



#20
Pyrene
Concen: 0.301 ng/u1
RT: 19.640 min Scan# 3684
Delta R.T. -0.009 min
Lab File: BN020965.D
Acq: 03 Aug 2022 05:25

Tgt Ion:202 Resp: 9764
Ion Ratio Lower Upper
202 100
101 15.4 11.3 16.9
100 12.7 9.0 13.4





#21

Benzo(a)anthracene

Concen: 0.288 ng/ul

RT: 21.401 min Scan# 4177

Delta R.T. -0.006 min

Lab File: BN020965.D

Acq: 03 Aug 2022 05:25

Instrument :

BNA_N

ClientSampleId :

SLCS650

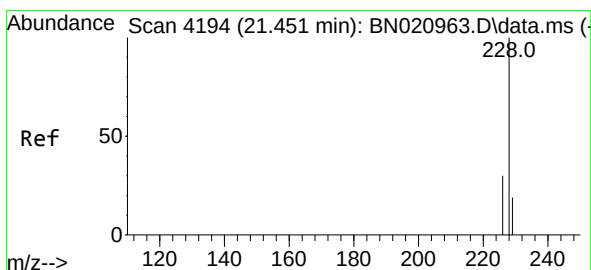
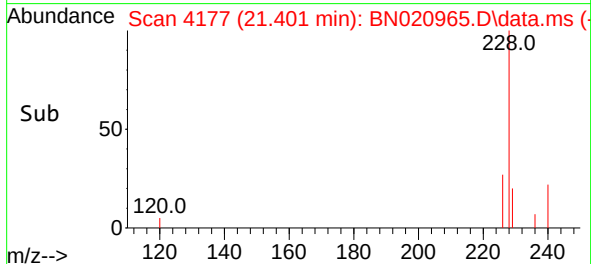
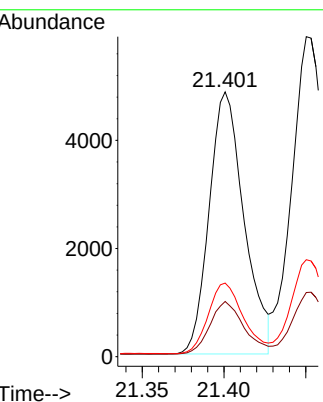
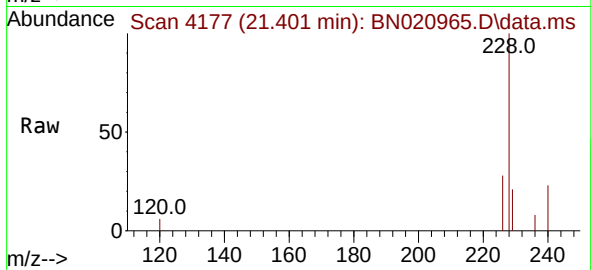
Tgt Ion:228 Resp: 7197

Ion Ratio Lower Upper

228 100

229 20.9 16.0 24.0

226 27.8 21.9 32.9



#22

Chrysene

Concen: 0.294 ng/ul

RT: 21.450 min Scan# 4194

Delta R.T. -0.006 min

Lab File: BN020965.D

Acq: 03 Aug 2022 05:25

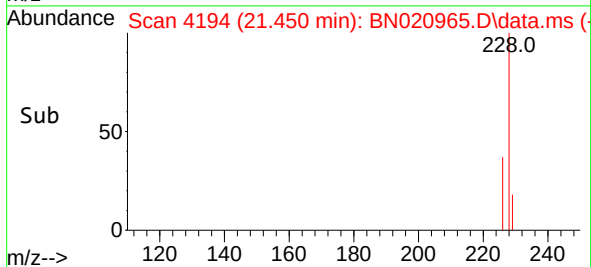
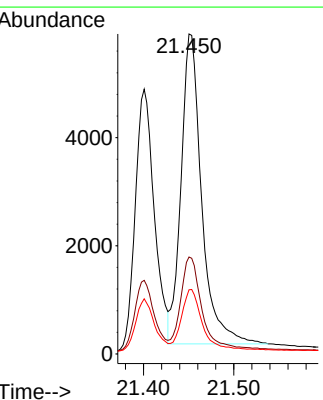
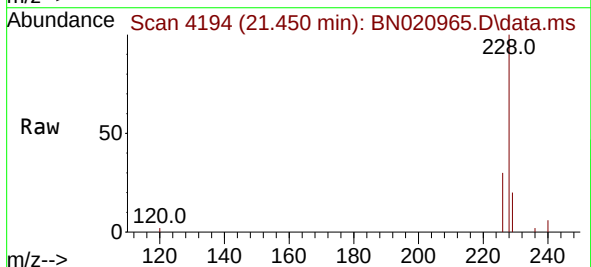
Tgt Ion:228 Resp: 9086

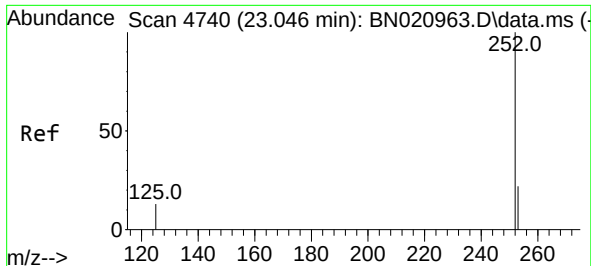
Ion Ratio Lower Upper

228 100

226 30.3 24.6 37.0

229 20.1 15.8 23.8

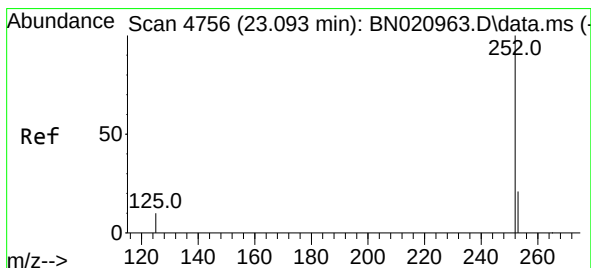
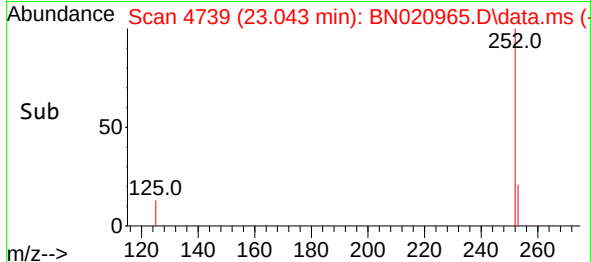
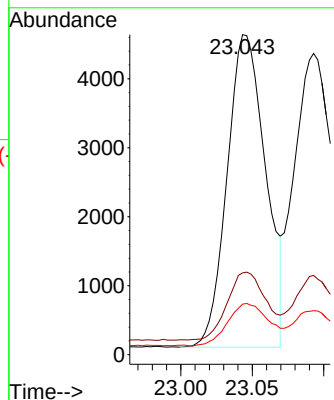
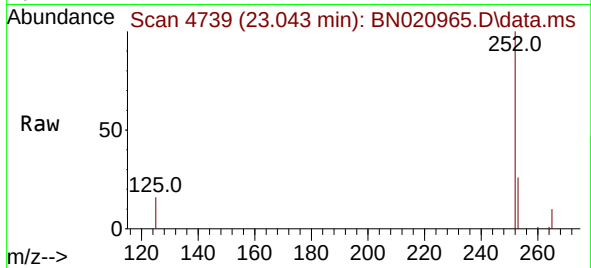




#24
Benzo(b)fluoranthene
Concen: 0.286 ng/ul
RT: 23.043 min Scan# 4739
Delta R.T. -0.012 min
Lab File: BN020965.D
Acq: 03 Aug 2022 05:25

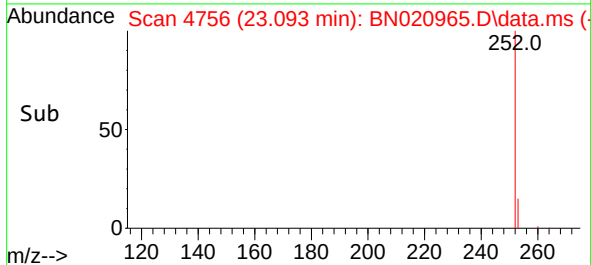
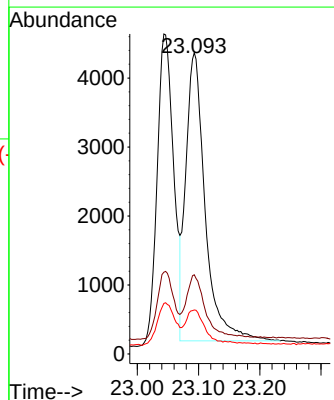
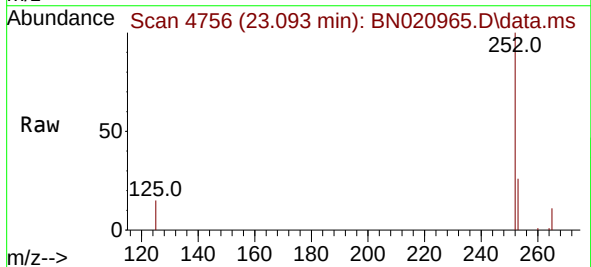
Instrument :
BNA_N
ClientSampleId :
SLCS650

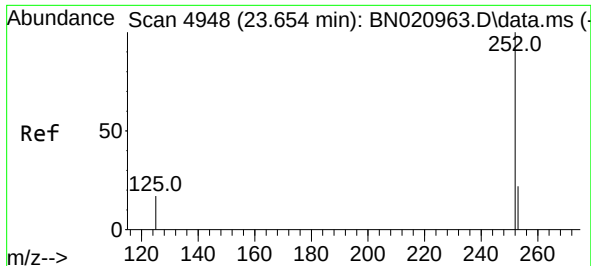
Tgt Ion:252 Resp: 8499
Ion Ratio Lower Upper
252 100
253 25.6 0.0 50.8
125 15.8 0.0 30.0



#25
Benzo(k)fluoranthene
Concen: 0.285 ng/ul
RT: 23.093 min Scan# 4756
Delta R.T. -0.009 min
Lab File: BN020965.D
Acq: 03 Aug 2022 05:25

Tgt Ion:252 Resp: 9168
Ion Ratio Lower Upper
252 100
253 26.3 20.6 31.0
125 14.6 11.8 17.6

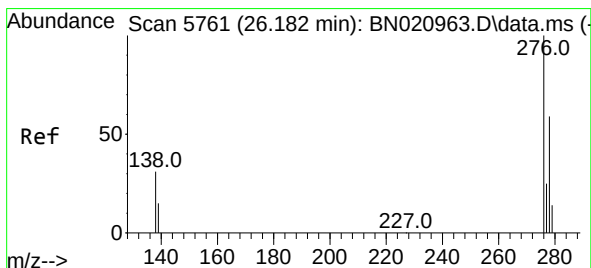
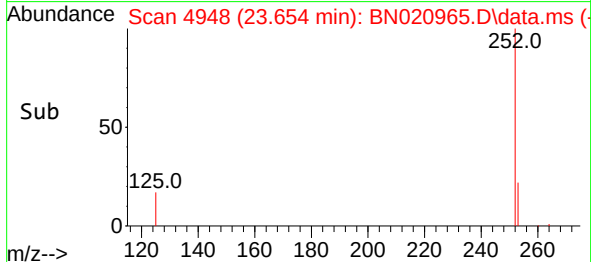
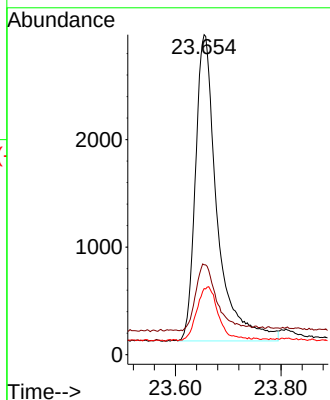
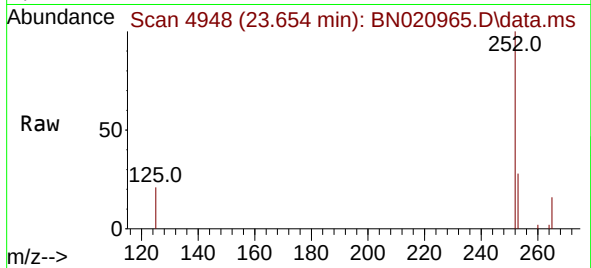




#26
Benzo(a)pyrene
Concen: 0.290 ng/ul
RT: 23.654 min Scan# 4948
Delta R.T. -0.009 min
Lab File: BN020965.D
Acq: 03 Aug 2022 05:25

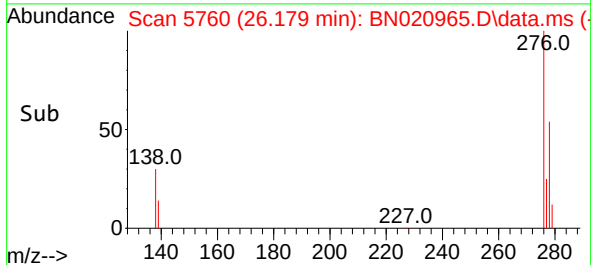
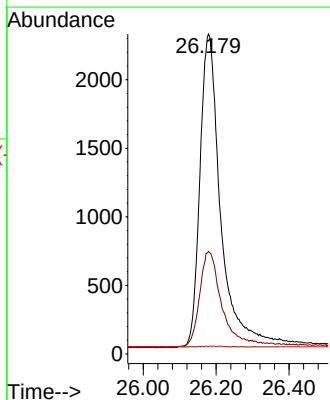
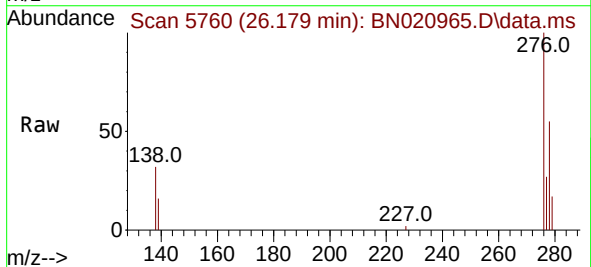
Instrument :
BNA_N
ClientSampleId :
SLCS650

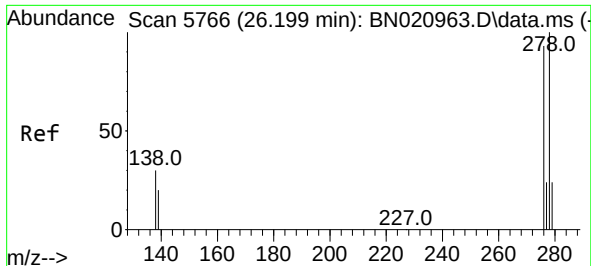
Tgt Ion:252 Resp: 8128
Ion Ratio Lower Upper
252 100
253 28.1 22.1 33.1
125 20.7 14.7 22.1



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.275 ng/ul
RT: 26.179 min Scan# 5760
Delta R.T. -0.010 min
Lab File: BN020965.D
Acq: 03 Aug 2022 05:25

Tgt Ion:276 Resp: 9054
Ion Ratio Lower Upper
276 100
138 33.0 26.1 39.1
227 0.1 0.1 0.1

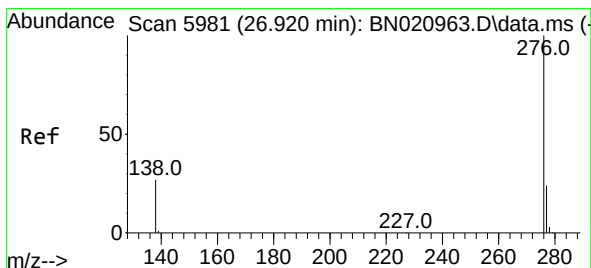
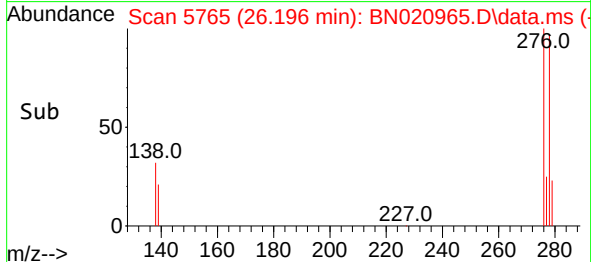
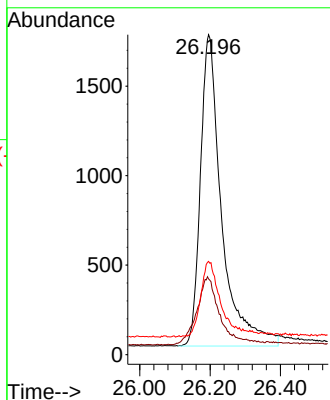
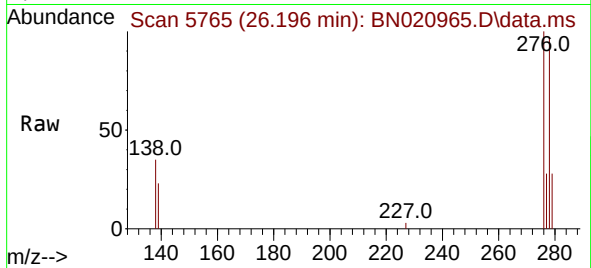




#28
 Dibenzo(a,h)anthracene
 Concen: 0.270 ng/ul
 RT: 26.196 min Scan# 51
 Delta R.T. -0.017 min
 Lab File: BN020965.D
 Acq: 03 Aug 2022 05:25

Instrument :
 BNA_N
 ClientSampleId :
 SLCS650

Tgt Ion:278 Resp: 7278
 Ion Ratio Lower Upper
 278 100
 139 23.7 18.3 27.5
 279 29.1 23.9 35.9



#29
 Benzo(g,h,i)perylene
 Concen: 0.266 ng/ul
 RT: 26.917 min Scan# 5980
 Delta R.T. -0.017 min
 Lab File: BN020965.D
 Acq: 03 Aug 2022 05:25

Tgt Ion:276 Resp: 7965
 Ion Ratio Lower Upper
 276 100
 138 29.4 22.6 34.0
 277 25.7 20.2 30.2

