

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112622\
 Data File : BN022906.D
 Acq On : 27 Nov 2022 06:57
 Operator : CG/JU
 Sample : PB149075BS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS075

Quant Time: Nov 28 03:51:29 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN112622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 28 03:16:56 2022
 Response via : Initial Calibration

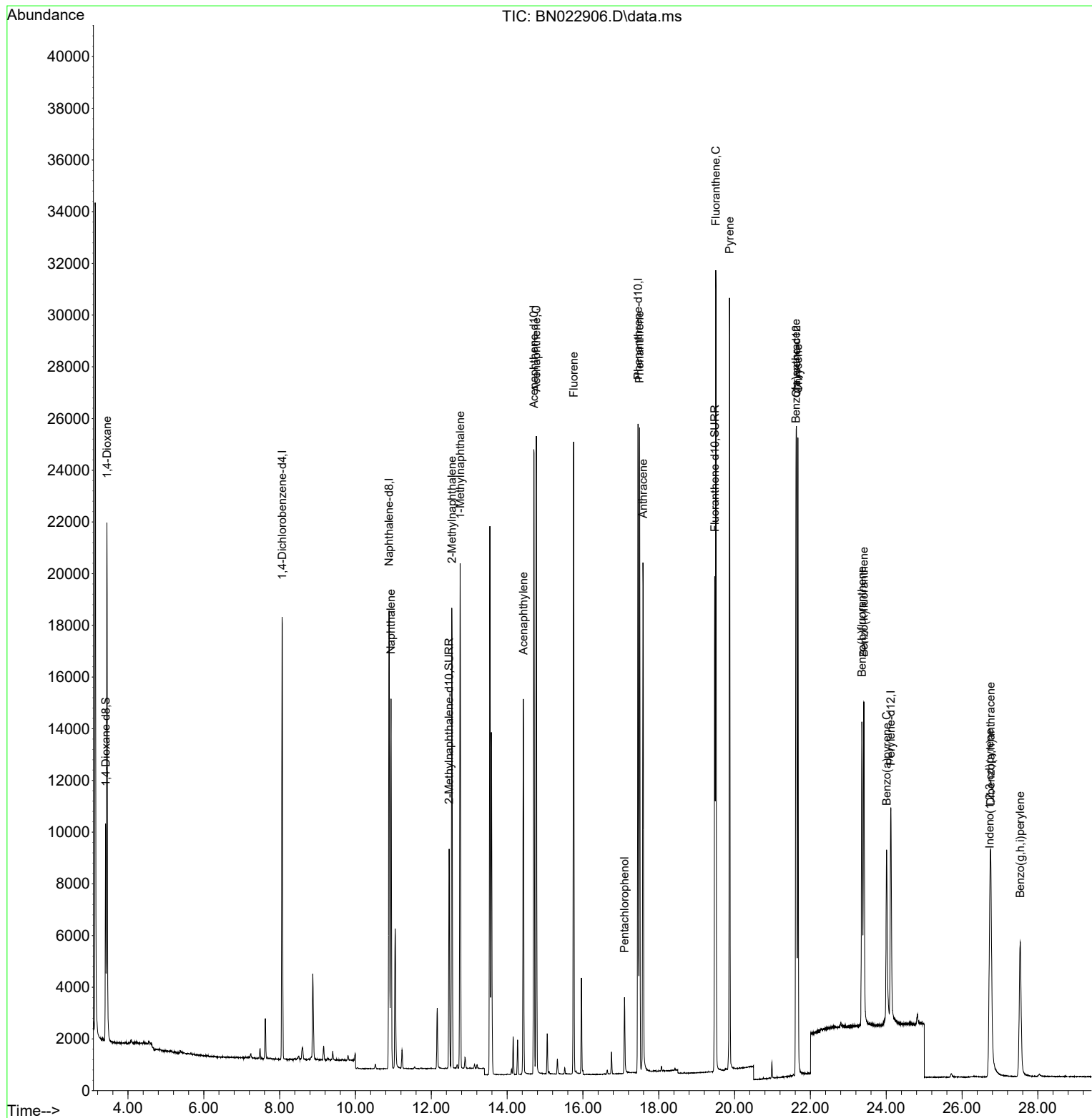
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.070	152	8386	0.400	ng/ul	0.00
4) Naphthalene-d8	10.887	136	23269	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.710	164	12874	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.453	188	27827	0.400	ng/ul	0.00
17) Chrysene-d12	21.633	240	18019	0.400	ng/ul	0.00
23) Perylene-d12	24.124	264	12350	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.412	96	5336	0.530	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.470	152	10246	0.289	ng/ul	0.00
18) Fluoranthene-d10	19.476	212	19712	0.296	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.446	88	13259	1.263	ng/ul	92
5) Naphthalene	10.936	128	19173	0.271	ng/ul	100
7) 2-Methylnaphthalene	12.542	142	12001	0.272	ng/ul	100
8) 1-Methylnaphthalene	12.762	142	12781	0.285	ng/ul	99
10) Acenaphthylene	14.428	152	16044	0.253	ng/ul	99
11) Acenaphthene	14.770	153	13326	0.265	ng/ul	98
12) Fluorene	15.756	166	15026	0.264	ng/ul	99
14) Pentachlorophenol	17.099	266	2062	0.354	ng/ul#	100
15) Phenanthrene	17.496	178	25251	0.264	ng/ul	100
16) Anthracene	17.584	178	21386	0.261	ng/ul	100
19) Fluoranthene	19.504	202	25555	0.274	ng/ul	98
20) Pyrene	19.866	202	25109	0.275	ng/ul	98
21) Benzo(a)anthracene	21.619	228	18191	0.264	ng/ul	99
22) Chrysene	21.671	228	20865	0.276	ng/ul	99
24) Benzo(b)fluoranthene	23.358	252	16601	0.265	ng/ul	97
25) Benzo(k)fluoranthene	23.408	252	18322	0.277	ng/ul	98
26) Benzo(a)pyrene	24.010	252	12231	0.257	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.731	276	14524	0.256	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.755	278	11870	0.264	ng/ul	99
29) Benzo(g,h,i)perylene	27.536	276	12595	0.255	ng/ul	99

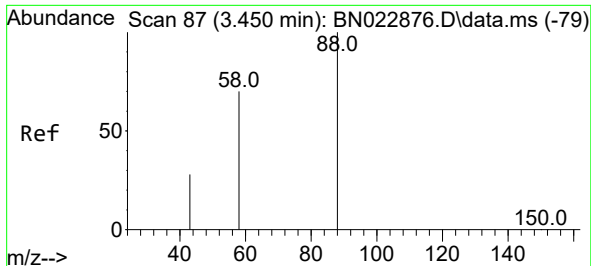
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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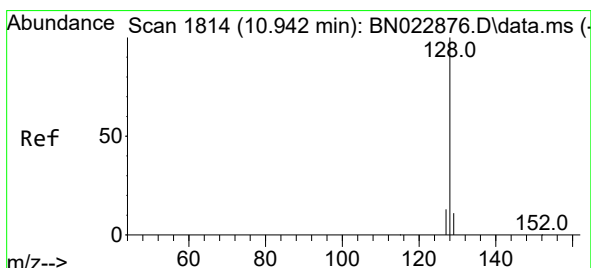
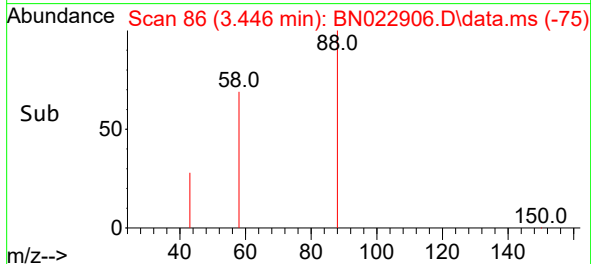
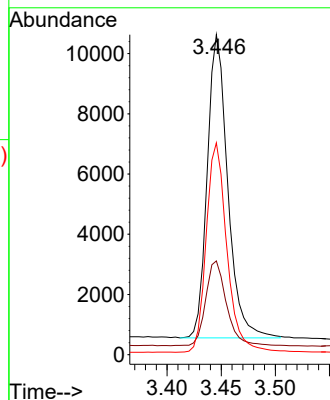
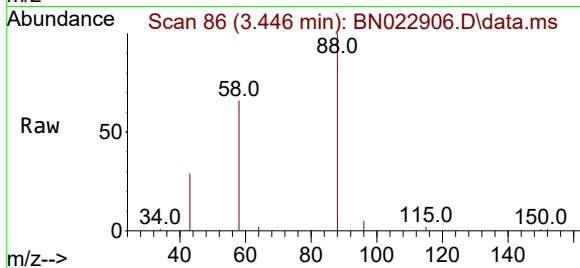




#2
1,4-Dioxane
Concen: 1.263 ng/ul
RT: 3.446 min Scan# 80
Delta R.T. -0.004 min
Lab File: BN022906.D
Acq: 27 Nov 2022 06:57

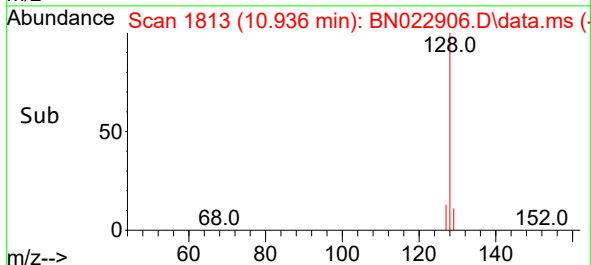
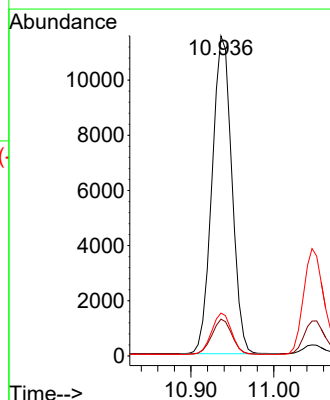
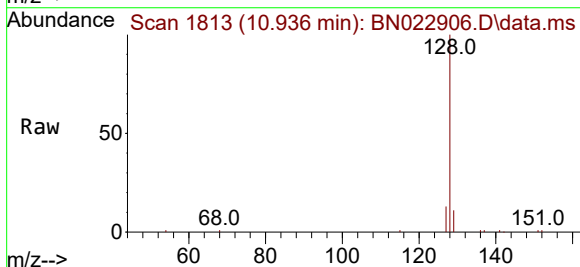
Instrument :
BNA_N
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SLCS075

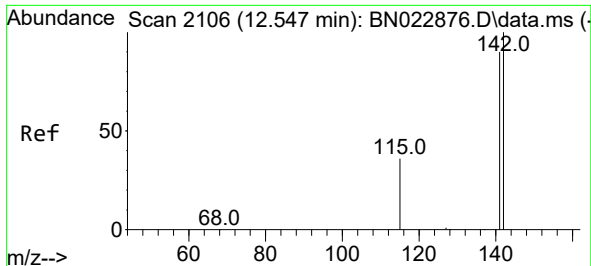
Tgt Ion: 88 Resp: 13259
Ion Ratio Lower Upper
88 100
43 29.3 26.2 39.4
58 66.2 47.6 71.4



#5
Naphthalene
Concen: 0.271 ng/ul
RT: 10.936 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BN022906.D
Acq: 27 Nov 2022 06:57

Tgt Ion:128 Resp: 19173
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.6
127 13.4 10.6 16.0

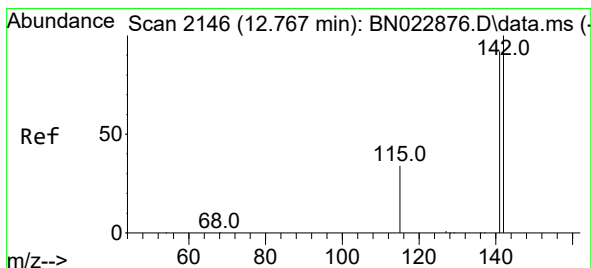
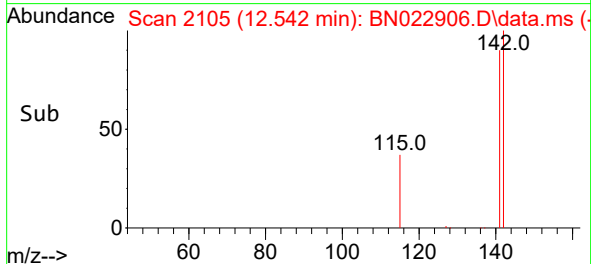
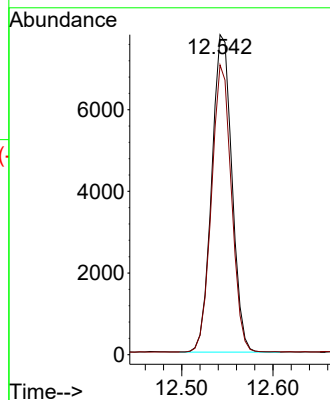
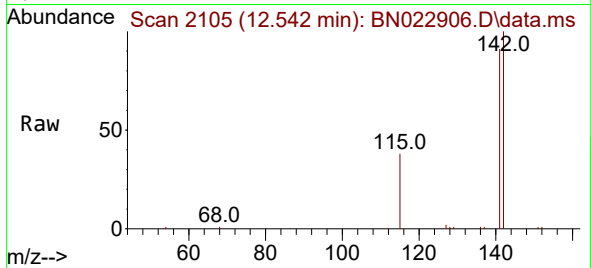




#7
2-Methylnaphthalene
Concen: 0.272 ng/ul
RT: 12.542 min Scan# 2105
Delta R.T. -0.006 min
Lab File: BN022906.D
Acq: 27 Nov 2022 06:57

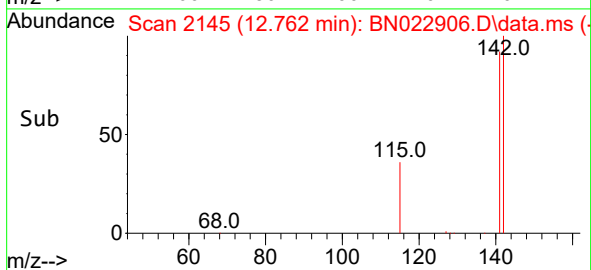
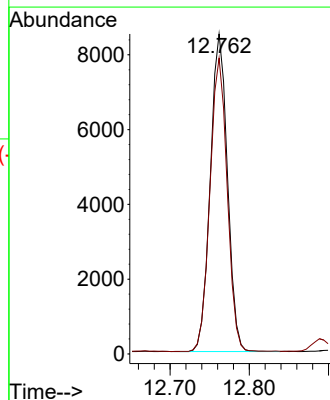
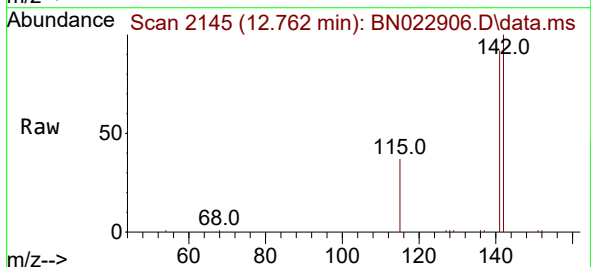
Instrument :
BNA_N
ClientSampleId :
SLCS075

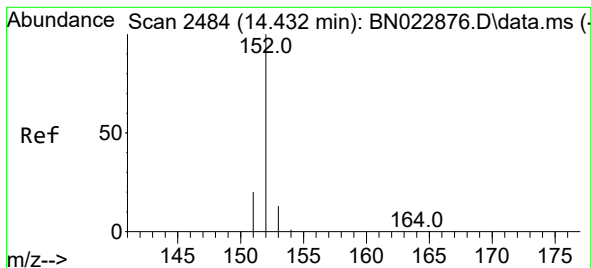
Tgt Ion:142 Resp: 12001
Ion Ratio Lower Upper
142 100
141 89.0 71.6 107.4



#8
1-Methylnaphthalene
Concen: 0.285 ng/ul
RT: 12.762 min Scan# 2145
Delta R.T. -0.006 min
Lab File: BN022906.D
Acq: 27 Nov 2022 06:57

Tgt Ion:142 Resp: 12781
Ion Ratio Lower Upper
142 100
141 93.0 73.8 110.6





#10

Acenaphthylene

Concen: 0.253 ng/ul

RT: 14.428 min Scan# 2484

Delta R.T. -0.005 min

Lab File: BN022906.D

Acq: 27 Nov 2022 06:57

Instrument :

BNA_N

ClientSampleId :

SLCS075

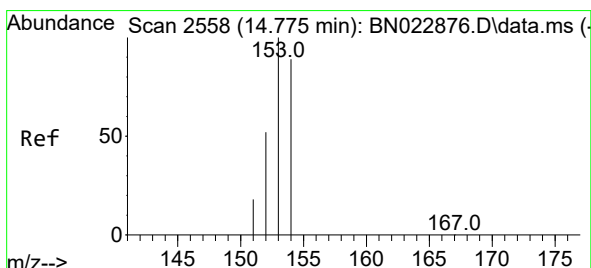
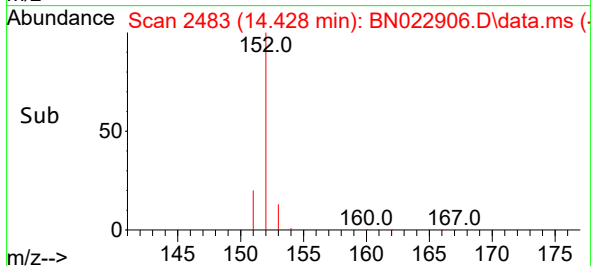
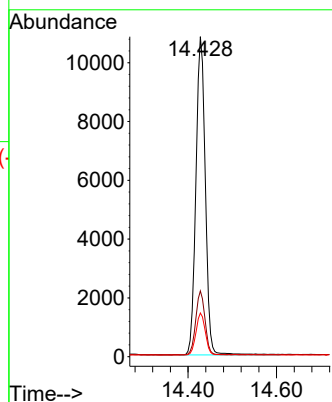
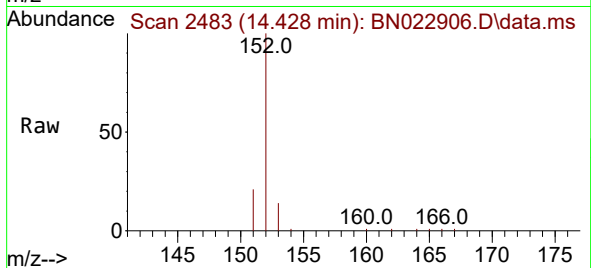
Tgt Ion:152 Resp: 16044

Ion Ratio Lower Upper

152 100

151 20.6 16.0 24.0

153 13.6 10.5 15.7



#11

Acenaphthene

Concen: 0.265 ng/ul

RT: 14.770 min Scan# 2557

Delta R.T. -0.005 min

Lab File: BN022906.D

Acq: 27 Nov 2022 06:57

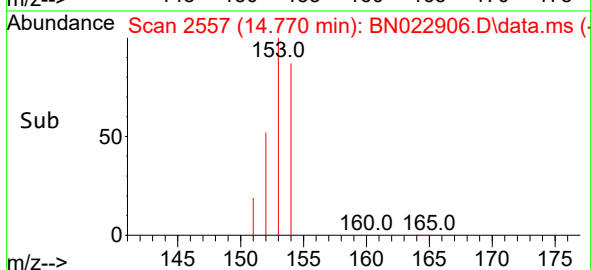
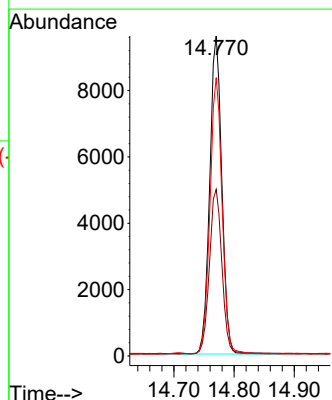
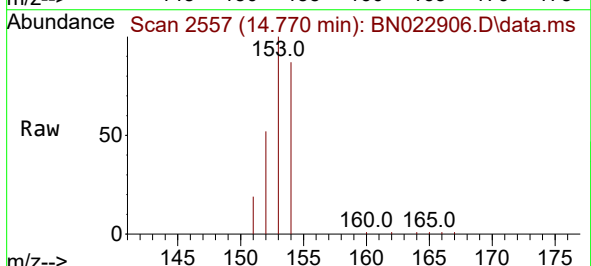
Tgt Ion:153 Resp: 13326

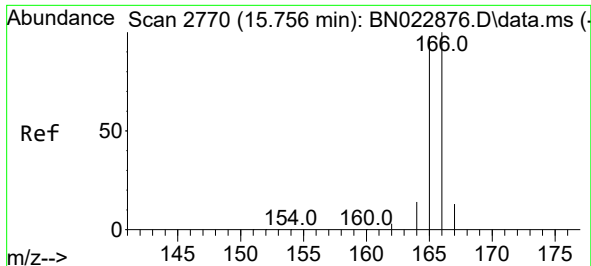
Ion Ratio Lower Upper

153 100

152 52.1 41.8 62.8

154 87.0 71.3 106.9

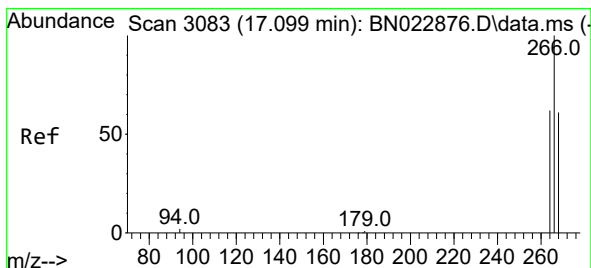
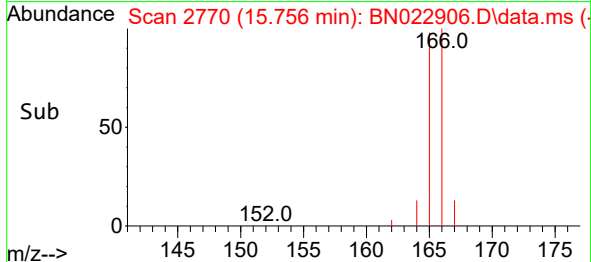
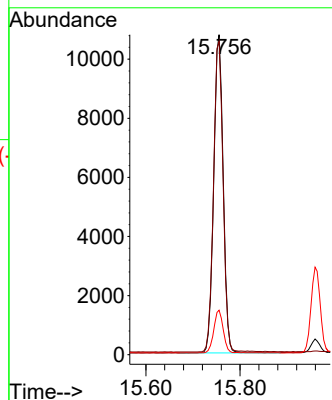
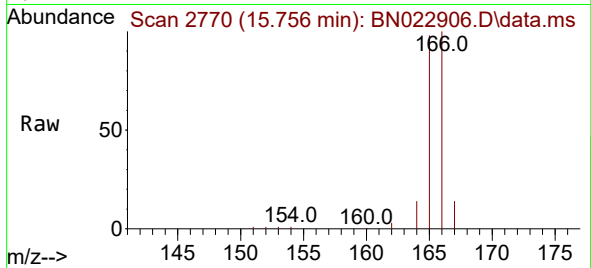




#12
 Fluorene
 Concen: 0.264 ng/ul
 RT: 15.756 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN022906.D
 Acq: 27 Nov 2022 06:57

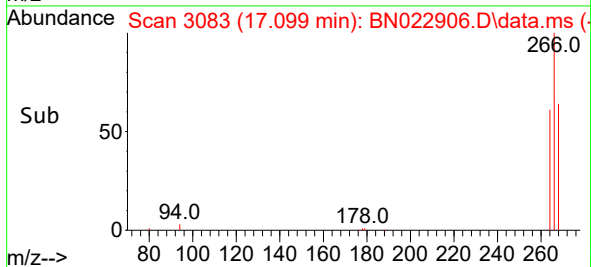
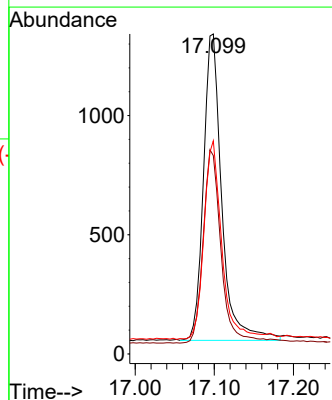
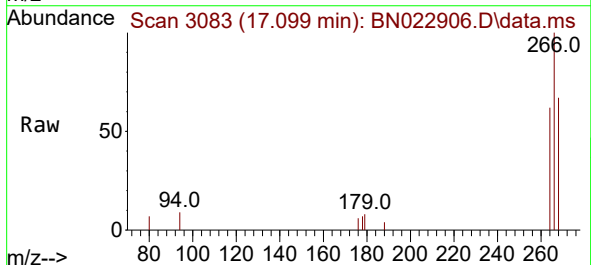
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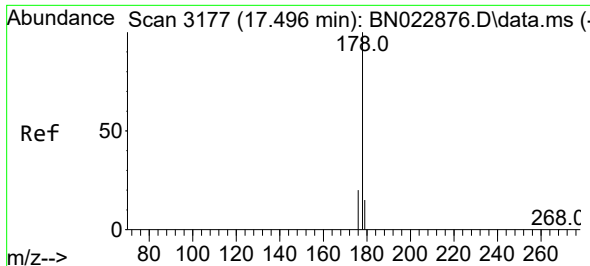
Tgt Ion:166 Resp: 15026
 Ion Ratio Lower Upper
 166 100
 165 97.9 78.7 118.1
 167 13.9 10.8 16.2



#14
 Pentachlorophenol
 Concen: 0.354 ng/ul
 RT: 17.099 min Scan# 3083
 Delta R.T. -0.000 min
 Lab File: BN022906.D
 Acq: 27 Nov 2022 06:57

Tgt Ion:266 Resp: 2062
 Ion Ratio Lower Upper
 266 100
 264 62.1 0.0 0.0#
 268 64.2 0.0 0.0#

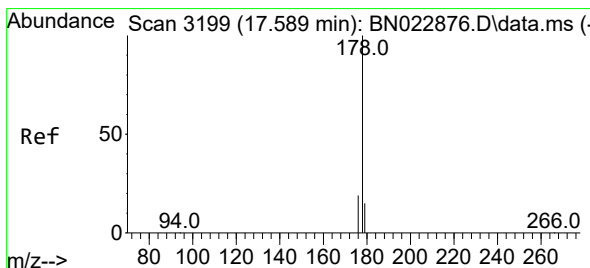
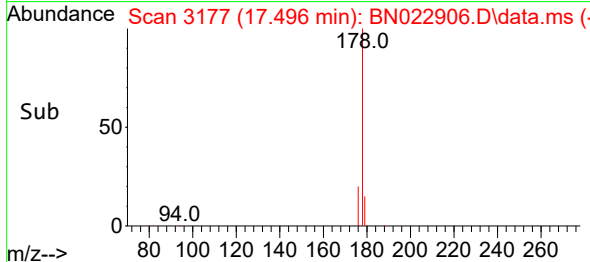
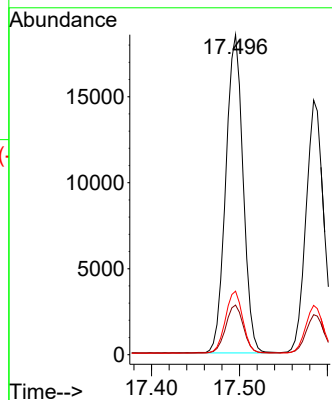
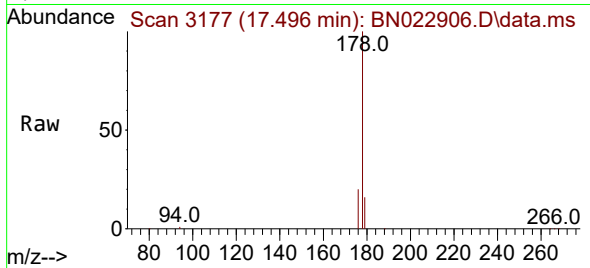




#15
Phenanthrene
Concen: 0.264 ng/ul
RT: 17.496 min Scan# 3177
Delta R.T. -0.000 min
Lab File: BN022906.D
Acq: 27 Nov 2022 06:57

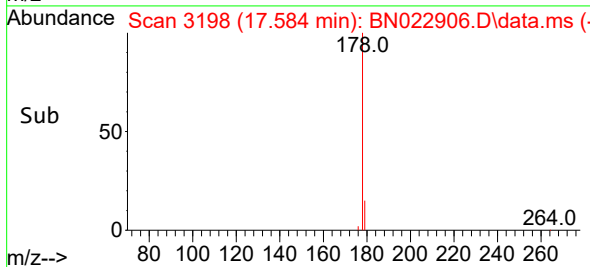
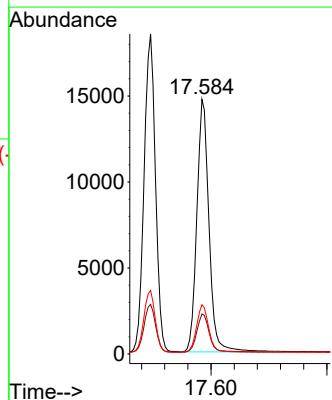
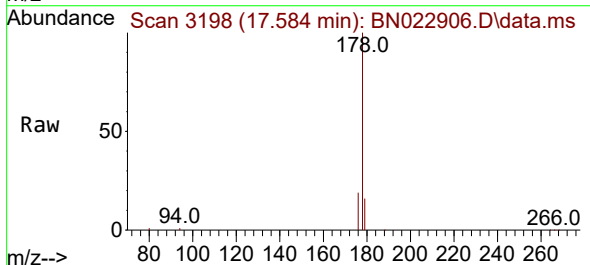
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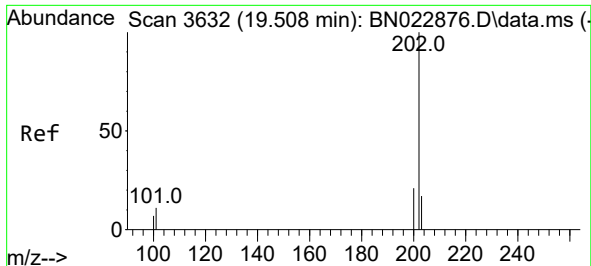
Tgt Ion:	178	Resp:	25251
Ion Ratio	Lower	Upper	
178	100		
179	15.5	12.5	18.7
176	19.9	15.9	23.9



#16
Anthracene
Concen: 0.261 ng/ul
RT: 17.584 min Scan# 3198
Delta R.T. -0.004 min
Lab File: BN022906.D
Acq: 27 Nov 2022 06:57

Tgt Ion:	178	Resp:	21386
Ion Ratio	Lower	Upper	
178	100		
179	15.7	12.6	18.8
176	19.4	15.3	22.9

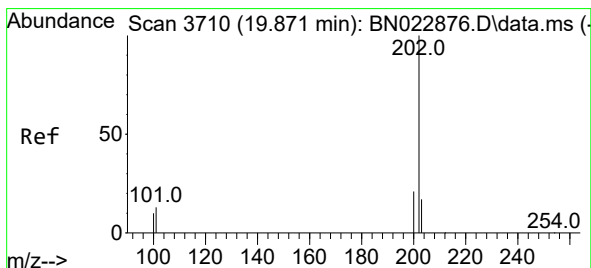
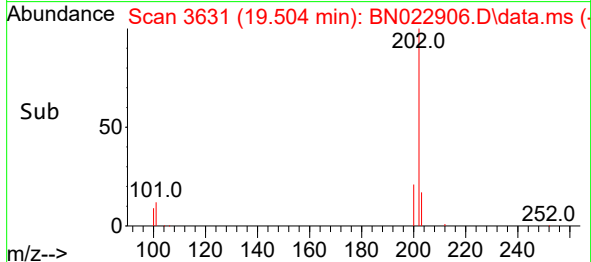
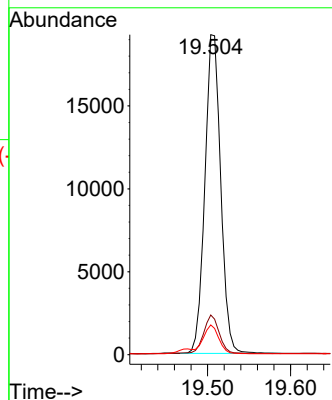
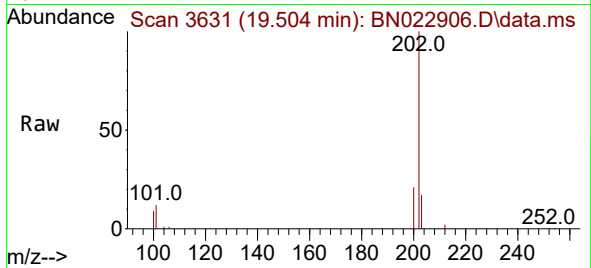




#19
Fluoranthene
Concen: 0.274 ng/ul
RT: 19.504 min Scan# 3709
Delta R.T. -0.005 min
Lab File: BN022906.D
Acq: 27 Nov 2022 06:57

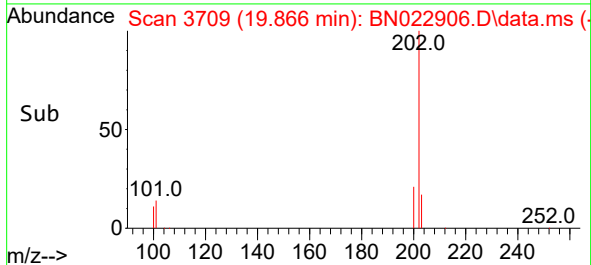
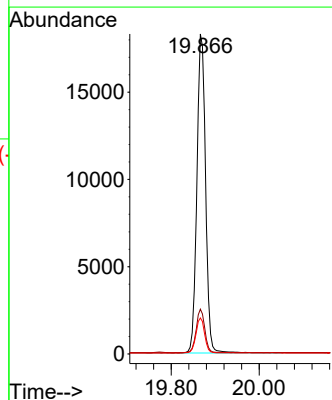
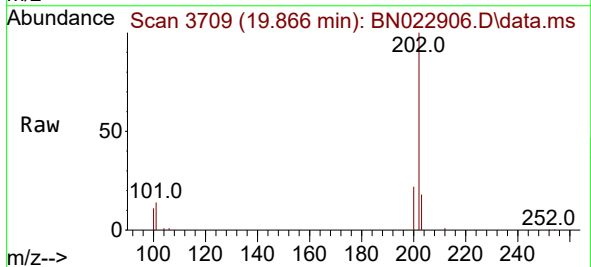
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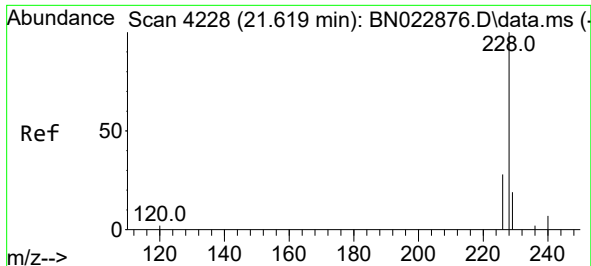
Tgt Ion:202 Resp: 25555
Ion Ratio Lower Upper
202 100
101 12.4 9.2 13.8
100 9.3 6.9 10.3



#20
Pyrene
Concen: 0.275 ng/ul
RT: 19.866 min Scan# 3709
Delta R.T. -0.005 min
Lab File: BN022906.D
Acq: 27 Nov 2022 06:57

Tgt Ion:202 Resp: 25109
Ion Ratio Lower Upper
202 100
101 14.0 10.6 16.0
100 11.3 8.2 12.4

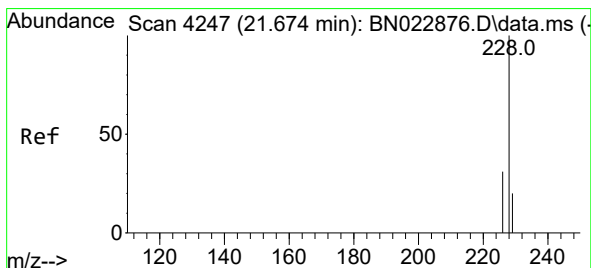
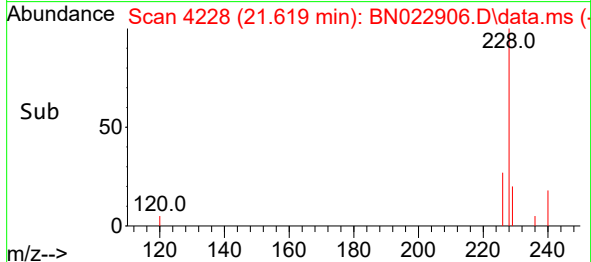
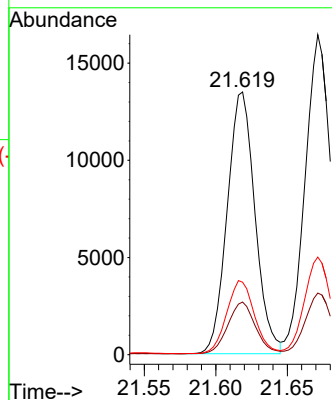
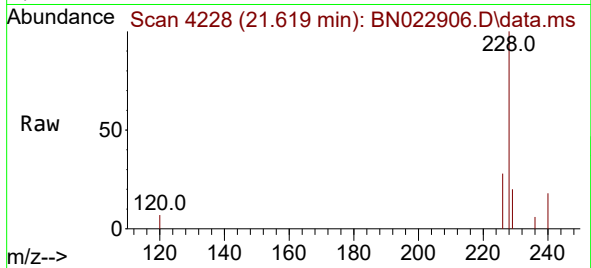




#21
Benzo(a)anthracene
Concen: 0.264 ng/ul
RT: 21.619 min Scan# 41
Delta R.T. -0.000 min
Lab File: BN022906.D
Acq: 27 Nov 2022 06:57

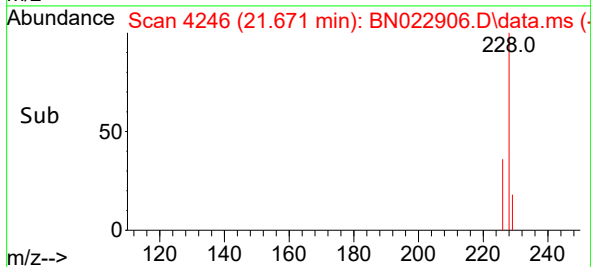
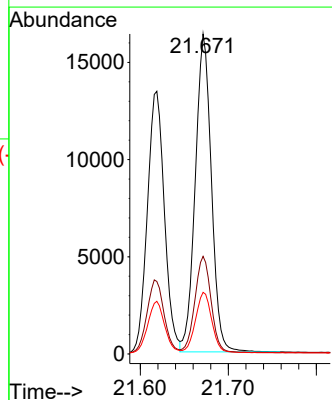
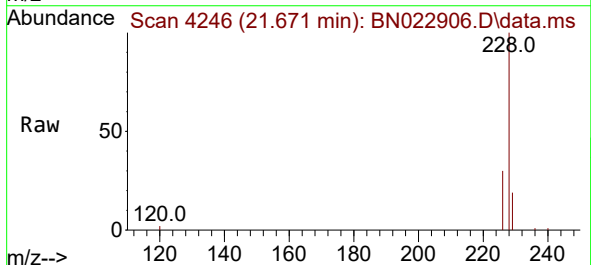
Instrument :
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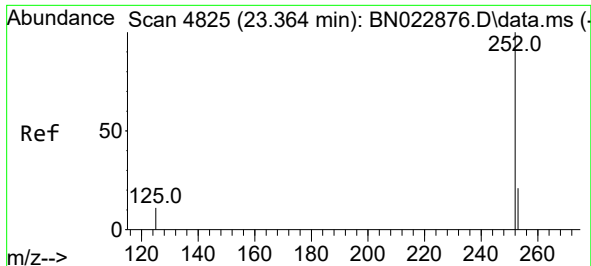
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Ion Ratio Lower Upper
228 100
229 20.0 15.5 23.3
226 27.6 22.2 33.4



#22
Chrysene
Concen: 0.276 ng/ul
RT: 21.671 min Scan# 4246
Delta R.T. -0.003 min
Lab File: BN022906.D
Acq: 27 Nov 2022 06:57

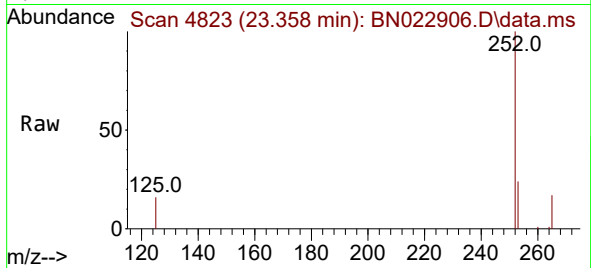
Tgt Ion:228 Resp: 20865
Ion Ratio Lower Upper
228 100
226 30.5 24.6 37.0
229 19.2 15.8 23.8



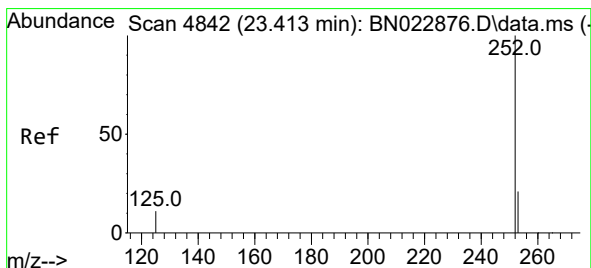
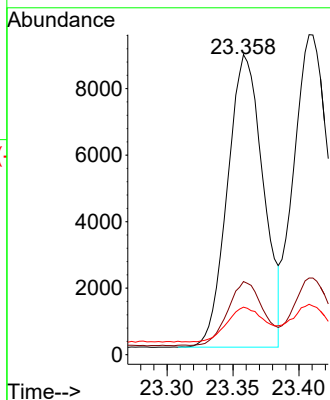


#24
Benzo(b)fluoranthene
Concen: 0.265 ng/ul
RT: 23.358 min Scan# 4823
Delta R.T. -0.006 min
Lab File: BN022906.D
Acq: 27 Nov 2022 06:57

Instrument :
BNA_N
ClientSampleId :
SLCS075

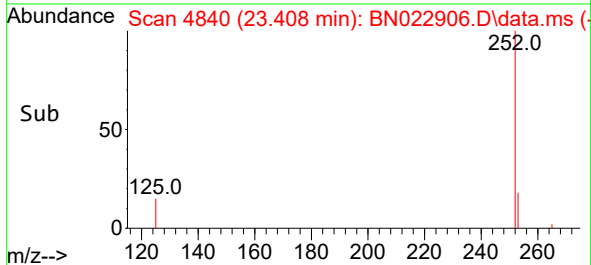
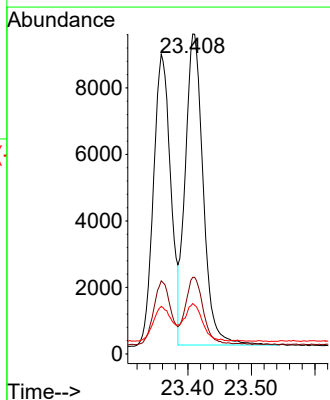
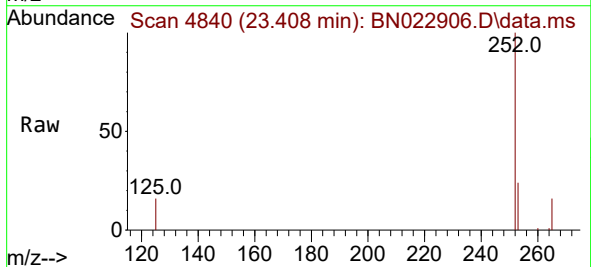


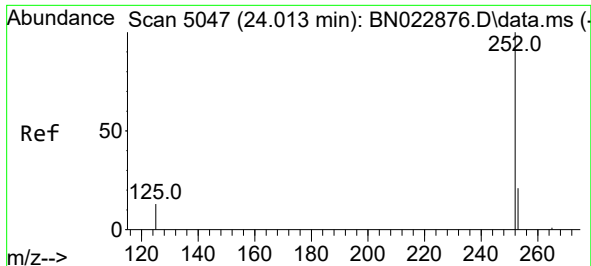
Tgt Ion:252 Resp: 16601
Ion Ratio Lower Upper
252 100
253 24.4 0.0 46.0
125 15.8 0.0 28.6



#25
Benzo(k)fluoranthene
Concen: 0.277 ng/ul
RT: 23.408 min Scan# 4840
Delta R.T. -0.006 min
Lab File: BN022906.D
Acq: 27 Nov 2022 06:57

Tgt Ion:252 Resp: 18322
Ion Ratio Lower Upper
252 100
253 23.9 18.7 28.1
125 15.7 11.3 16.9

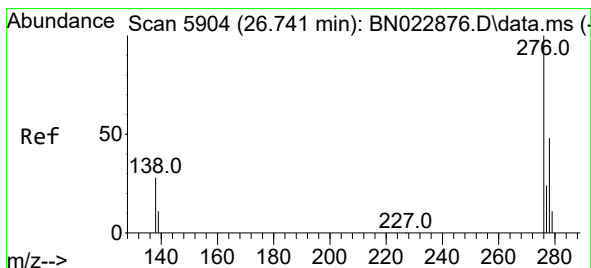
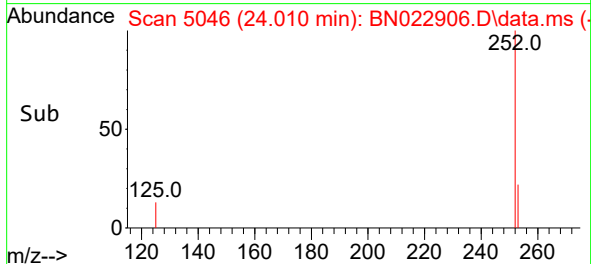
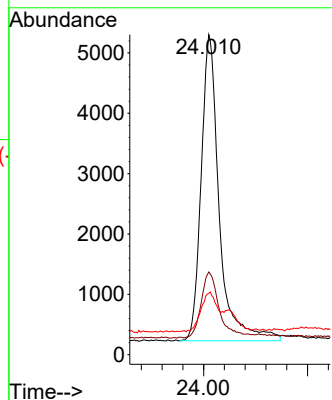
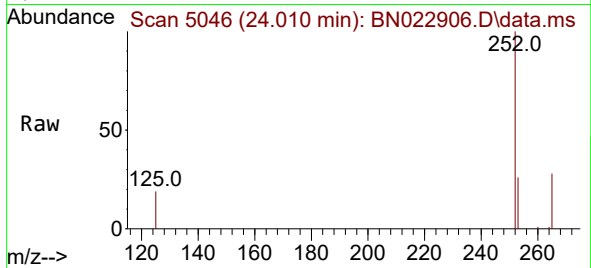




#26
Benzo(a)pyrene
Concen: 0.257 ng/ul
RT: 24.010 min Scan# 5047
Delta R.T. -0.003 min
Lab File: BN022906.D
Acq: 27 Nov 2022 06:57

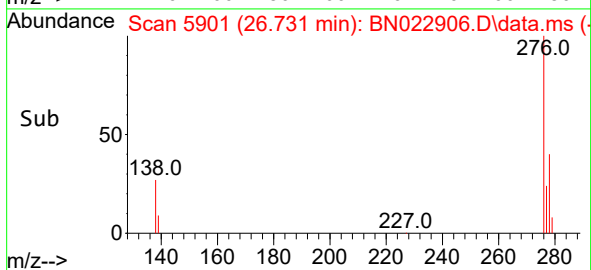
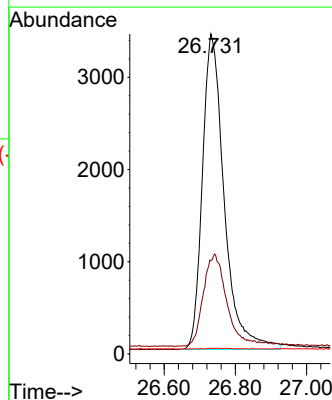
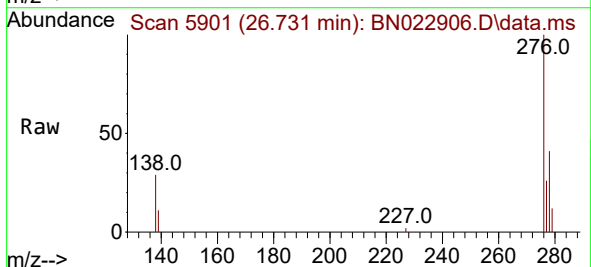
Instrument :
BNA_N
ClientSampleId :
SLCS075

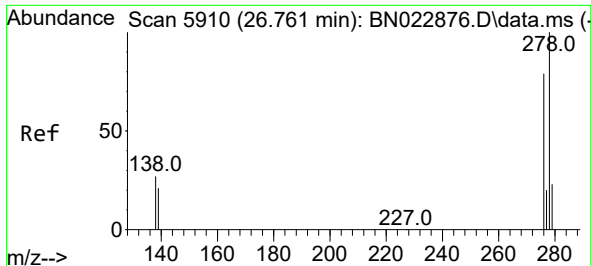
Tgt Ion:252 Resp: 12231
Ion Ratio Lower Upper
252 100
253 25.9 19.7 29.5
125 19.2 13.7 20.5



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.256 ng/ul
RT: 26.731 min Scan# 5901
Delta R.T. -0.010 min
Lab File: BN022906.D
Acq: 27 Nov 2022 06:57

Tgt Ion:276 Resp: 14524
Ion Ratio Lower Upper
276 100
138 32.1 0.0 0.0#
227 0.1 0.0 0.0#

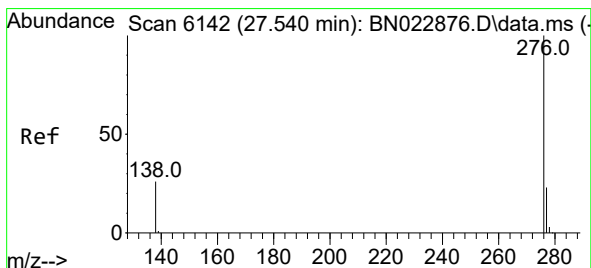
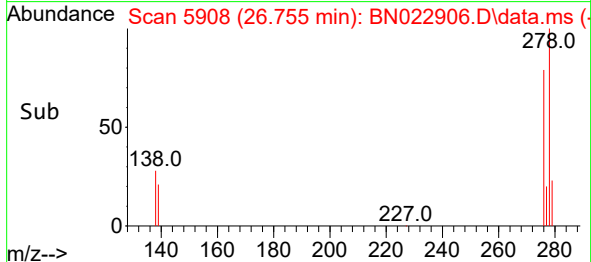
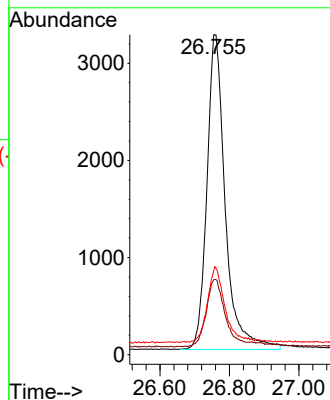
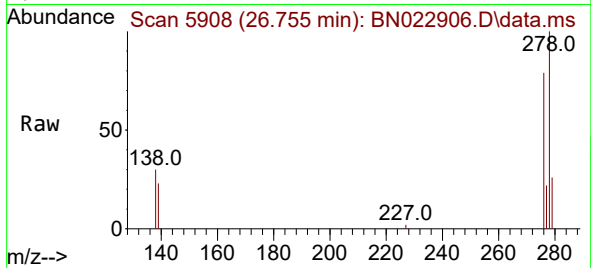




#28
Dibenzo(a,h)anthracene
Concen: 0.264 ng/ul
RT: 26.755 min Scan# 5910
Delta R.T. -0.007 min
Lab File: BN022906.D
Acq: 27 Nov 2022 06:57

Instrument :
BNA_N
ClientSampleId :
SLCS075

Tgt Ion:278 Resp: 11870
Ion Ratio Lower Upper
278 100
139 23.4 18.3 27.5
279 26.3 20.4 30.6



#29
Benzo(g,h,i)perylene
Concen: 0.255 ng/ul
RT: 27.536 min Scan# 6141
Delta R.T. -0.003 min
Lab File: BN022906.D
Acq: 27 Nov 2022 06:57

Tgt Ion:276 Resp: 12595
Ion Ratio Lower Upper
276 100
138 26.9 22.1 33.1
277 24.7 19.4 29.2

