

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112622\
 Data File : BN022904.D
 Acq On : 27 Nov 2022 05:44
 Operator : CG/JU
 Sample : PB149073BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS073

Quant Time: Nov 28 03:51:12 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)

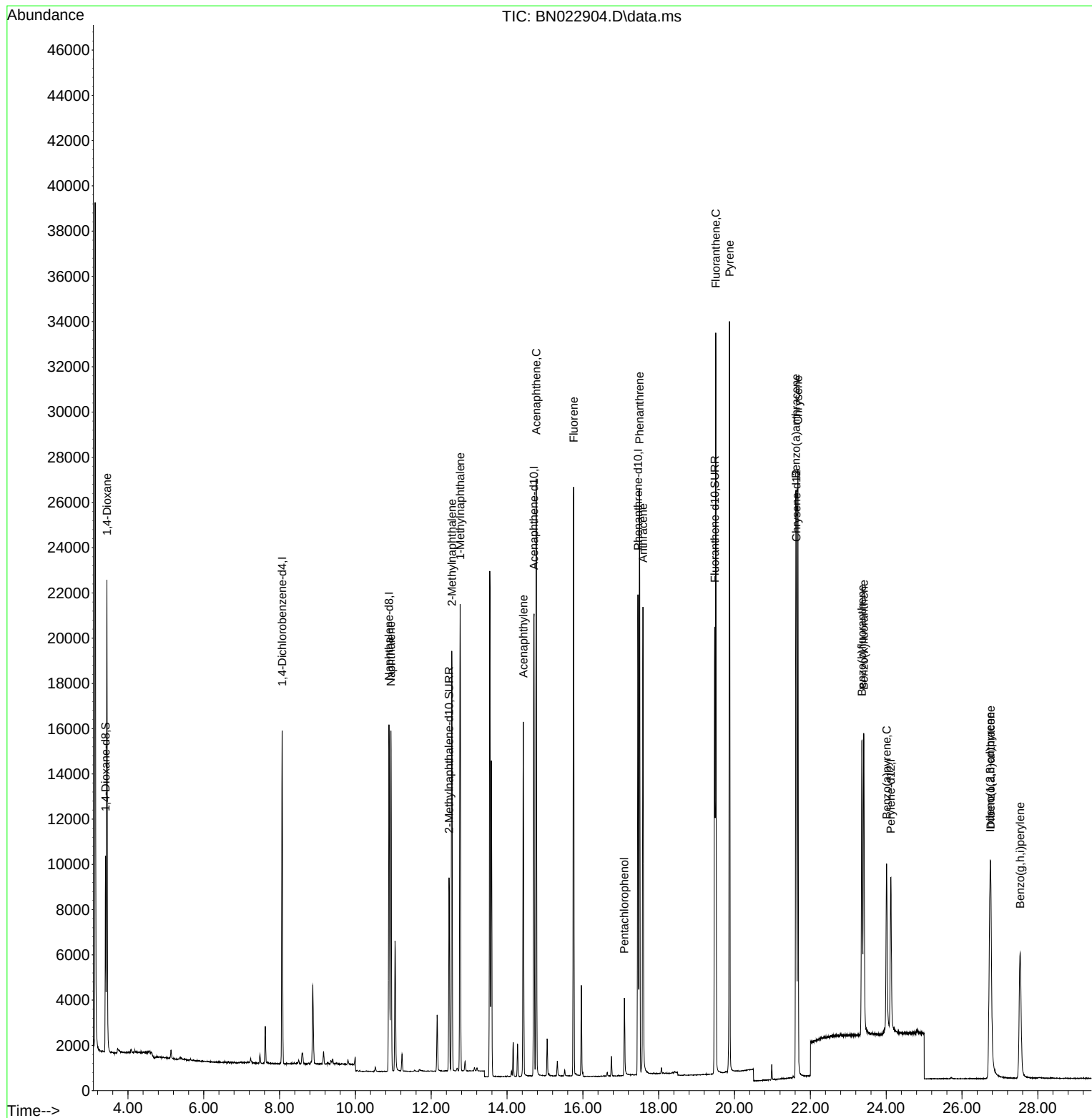
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.070	152	7222	0.400	ng/u1	0.00
4) Naphthalene-d8	10.887	136	19972	0.400	ng/u1	0.00
9) Acenaphthene-d10	14.710	164	10952	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.453	188	23875	0.400	ng/u1	0.00
17) Chrysene-d12	21.633	240	15865	0.400	ng/u1	0.00
23) Perylene-d12	24.121	264	10298	0.400	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.408	96	5328	0.615	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.470	152	10515	0.345	ng/u1	0.00
18) Fluoranthene-d10	19.476	212	20526	0.350	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.446	88	13688	1.514	ng/u1	92
5) Naphthalene	10.936	128	20186	0.333	ng/u1	100
7) 2-Methylnaphthalene	12.542	142	12590	0.332	ng/u1	100
8) 1-Methylnaphthalene	12.762	142	13483	0.350	ng/u1	100
10) Acenaphthylene	14.428	152	17155	0.318	ng/u1	100
11) Acenaphthene	14.770	153	14095	0.330	ng/u1	99
12) Fluorene	15.756	166	16055	0.332	ng/u1	99
14) Pentachlorophenol	17.095	266	2322	0.465	ng/u1#	100
15) Phenanthrene	17.496	178	26938	0.329	ng/u1	99
16) Anthracene	17.584	178	22538	0.320	ng/u1	99
19) Fluoranthene	19.504	202	27843	0.340	ng/u1	99
20) Pyrene	19.866	202	27216	0.339	ng/u1	98
21) Benzo(a)anthracene	21.616	228	20276	0.334	ng/u1	100
22) Chrysene	21.671	228	22934	0.345	ng/u1	100
24) Benzo(b)fluoranthene	23.361	252	18348	0.352	ng/u1	98
25) Benzo(k)fluoranthene	23.411	252	19334	0.351	ng/u1	99
26) Benzo(a)pyrene	24.010	252	13255	0.334	ng/u1	97
27) Indeno(1,2,3-cd)pyrene	26.738	276	15568	0.330	ng/u1#	100
28) Dibenzo(a,h)anthracene	26.758	278	12436	0.331	ng/u1	98
29) Benzo(g,h,i)perylene	27.533	276	13669	0.332	ng/u1	99

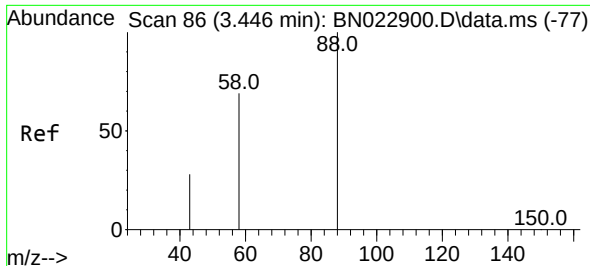
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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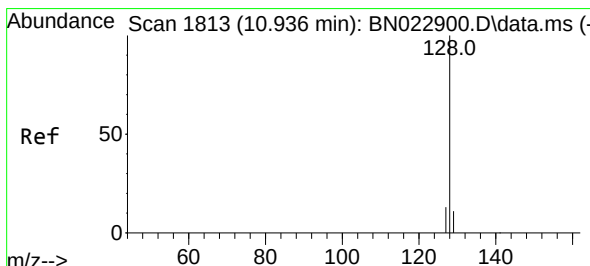
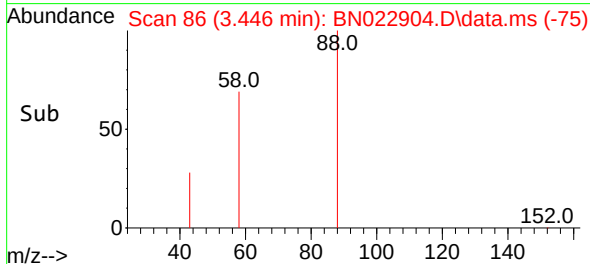
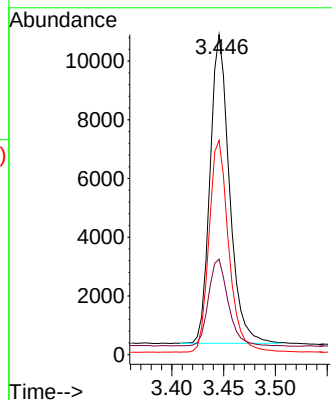
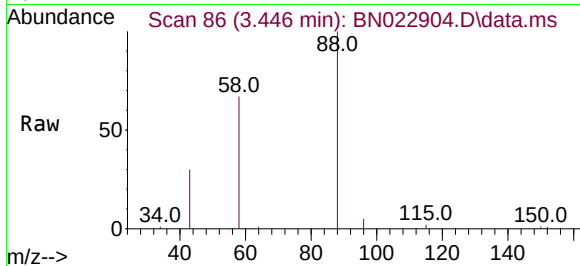




#2
1,4-Dioxane
Concen: 1.514 ng/ul
RT: 3.446 min Scan# 86
Delta R.T. -0.004 min
Lab File: BN022904.D
Acq: 27 Nov 2022 05:44

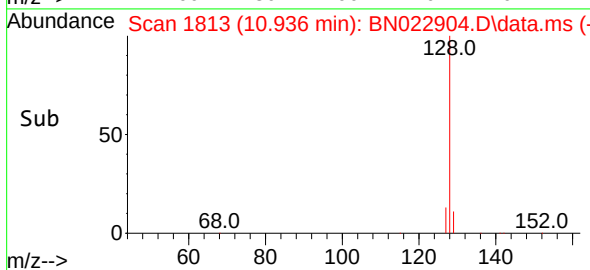
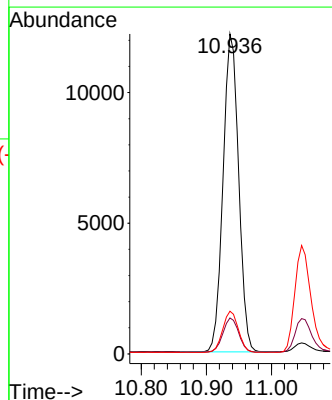
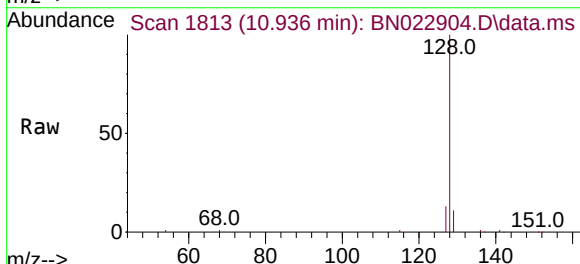
Instrument :
BNA_N
ClientSampleId :
SLCS073

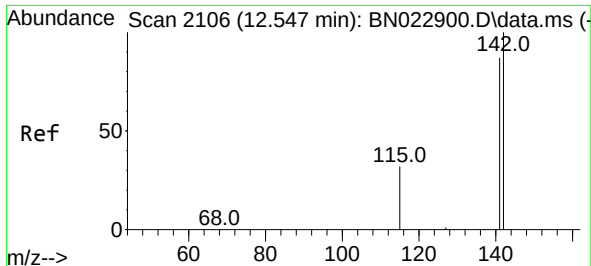
Tgt Ion: 88 Resp: 13688
Ion Ratio Lower Upper
88 100
43 29.9 26.2 39.4
58 66.9 47.6 71.4



#5
Naphthalene
Concen: 0.333 ng/ul
RT: 10.936 min Scan# 1813
Delta R.T. -0.005 min
Lab File: BN022904.D
Acq: 27 Nov 2022 05:44

Tgt Ion:128 Resp: 20186
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.3 10.6 16.0

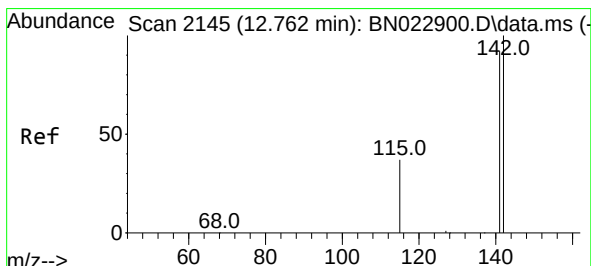
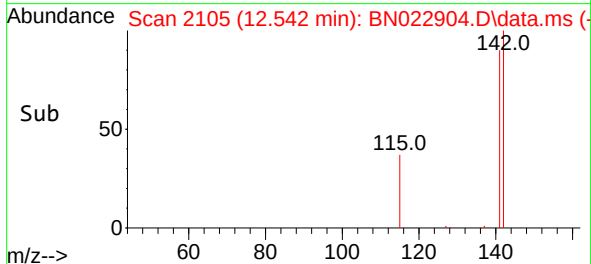
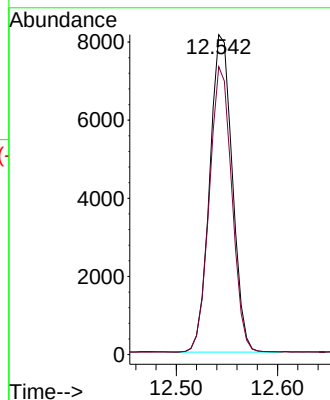
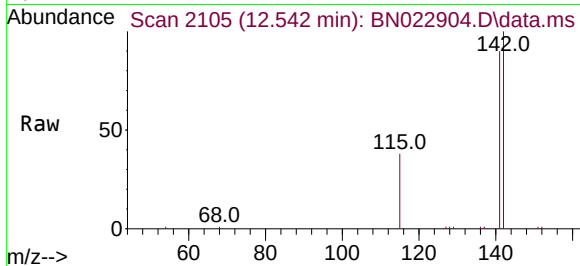




#7
2-Methylnaphthalene
Concen: 0.332 ng/ul
RT: 12.542 min Scan# 2105
Delta R.T. -0.005 min
Lab File: BN022904.D
Acq: 27 Nov 2022 05:44

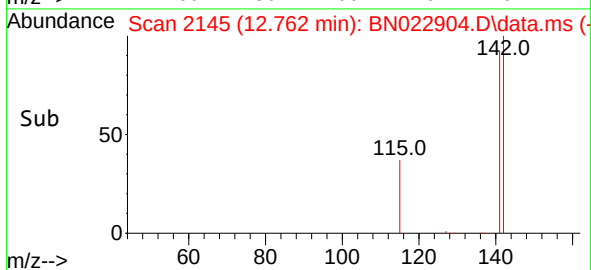
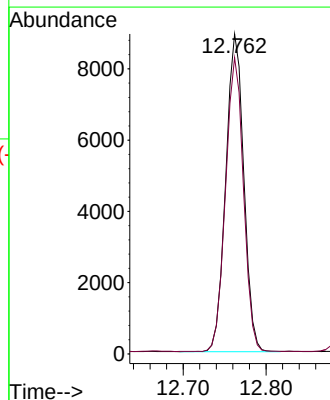
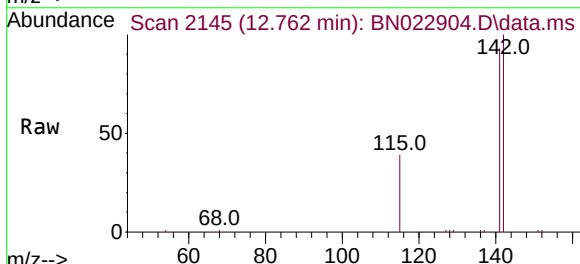
Instrument :
BNA_N
ClientSampleId :
SLCS073

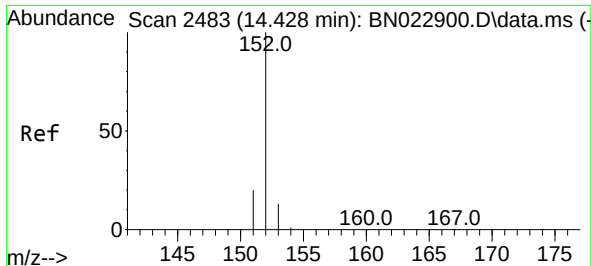
Tgt Ion:142 Resp: 12590
Ion Ratio Lower Upper
142 100
141 89.4 71.6 107.4



#8
1-Methylnaphthalene
Concen: 0.350 ng/ul
RT: 12.762 min Scan# 2145
Delta R.T. -0.005 min
Lab File: BN022904.D
Acq: 27 Nov 2022 05:44

Tgt Ion:142 Resp: 13483
Ion Ratio Lower Upper
142 100
141 92.2 73.8 110.6

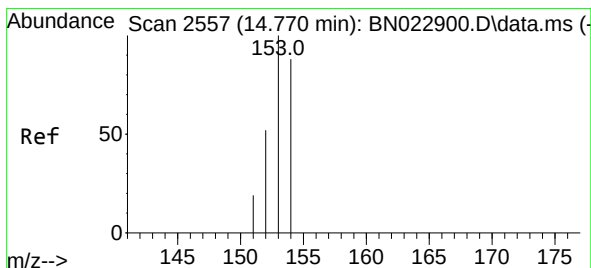
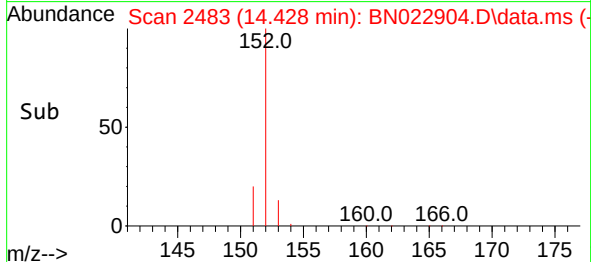
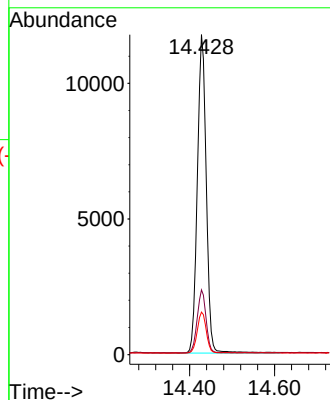
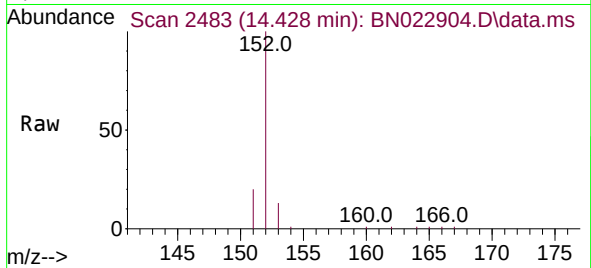




#10
Acenaphthylene
Concen: 0.318 ng/ul
RT: 14.428 min Scan# 2483
Delta R.T. -0.005 min
Lab File: BN022904.D
Acq: 27 Nov 2022 05:44

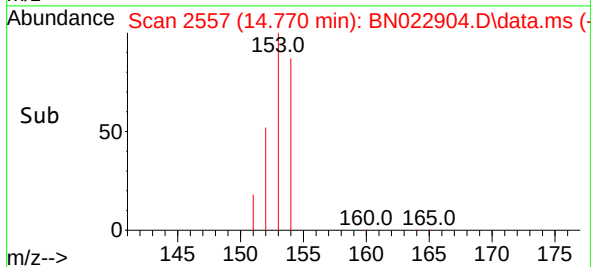
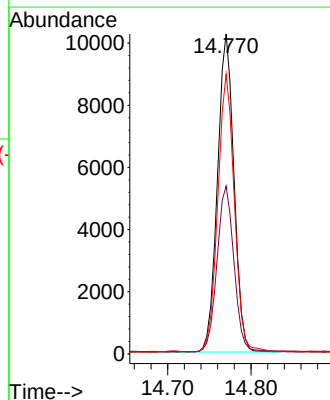
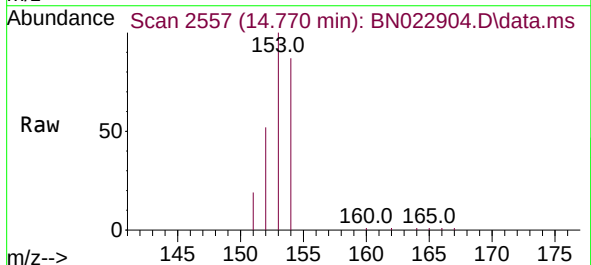
Instrument :
BNA_N
ClientSampleId :
SLCS073

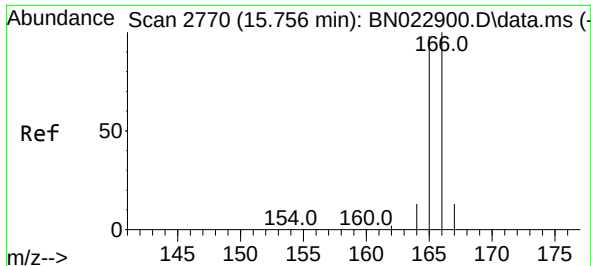
Tgt Ion:152 Resp: 17155
Ion Ratio Lower Upper
152 100
151 20.2 16.0 24.0
153 13.3 10.5 15.7



#11
Acenaphthene
Concen: 0.330 ng/ul
RT: 14.770 min Scan# 2557
Delta R.T. -0.005 min
Lab File: BN022904.D
Acq: 27 Nov 2022 05:44

Tgt Ion:153 Resp: 14095
Ion Ratio Lower Upper
153 100
152 52.4 41.8 62.8
154 87.4 71.3 106.9

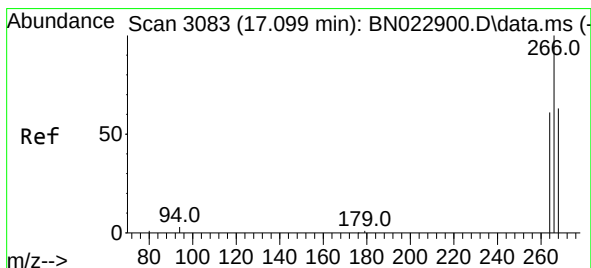
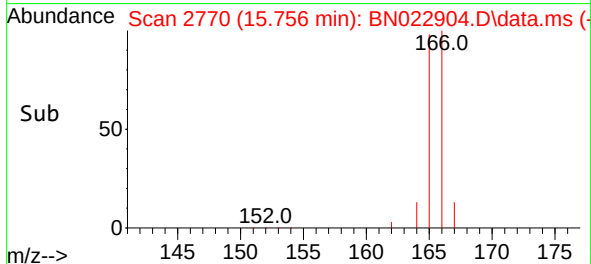
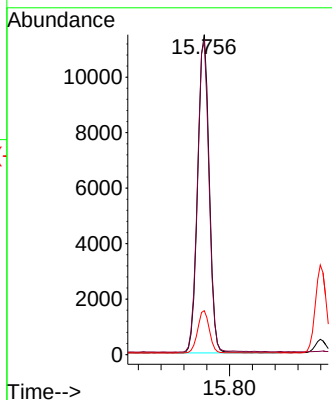
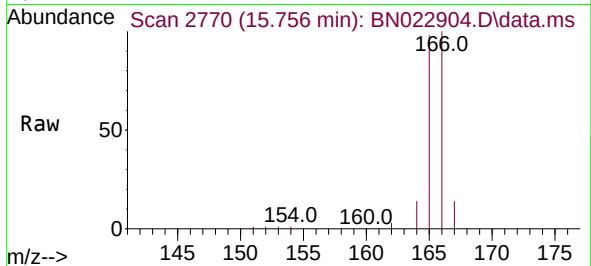




#12
 Fluorene
 Concen: 0.332 ng/ul
 RT: 15.756 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN022904.D
 Acq: 27 Nov 2022 05:44

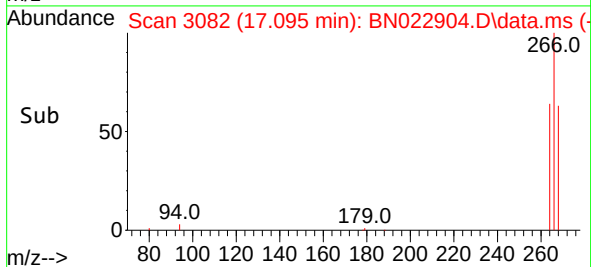
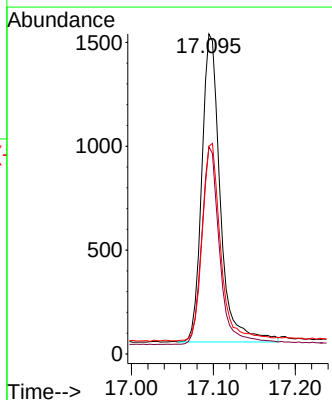
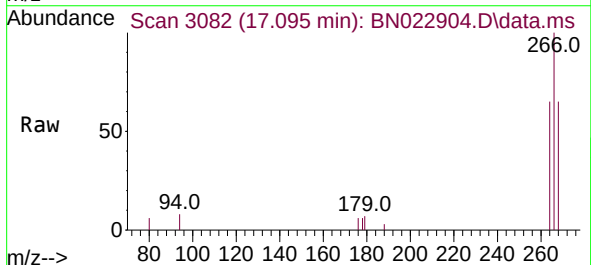
Instrument :
 BNA_N
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 SLCS073

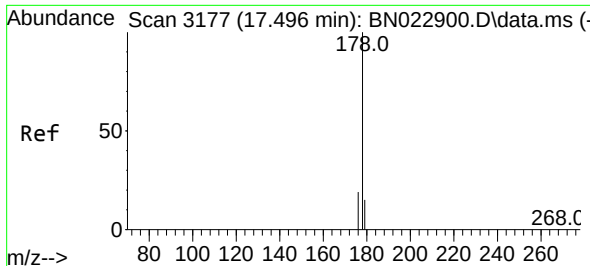
Tgt Ion:166 Resp: 16055
 Ion Ratio Lower Upper
 166 100
 165 97.8 78.7 118.1
 167 13.7 10.8 16.2



#14
 Pentachlorophenol
 Concen: 0.465 ng/ul
 RT: 17.095 min Scan# 3082
 Delta R.T. -0.004 min
 Lab File: BN022904.D
 Acq: 27 Nov 2022 05:44

Tgt Ion:266 Resp: 2322
 Ion Ratio Lower Upper
 266 100
 264 63.0 0.0 0.0#
 268 64.3 0.0 0.0#

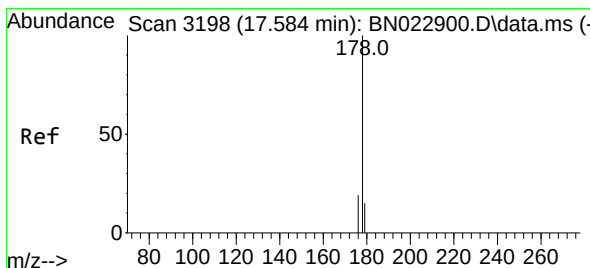
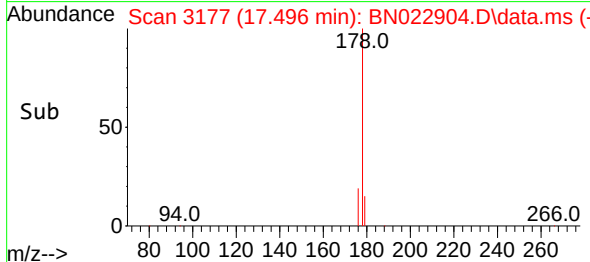
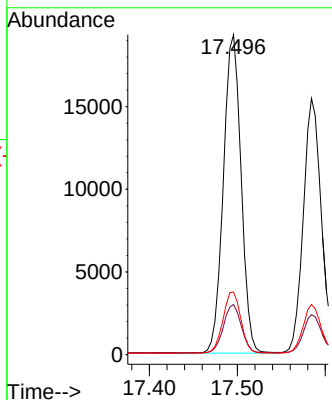
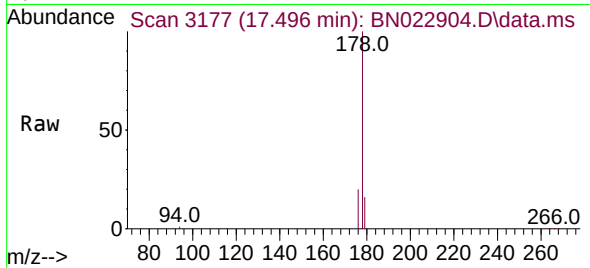




#15
Phenanthrene
Concen: 0.329 ng/ul
RT: 17.496 min Scan# 3177
Delta R.T. 0.000 min
Lab File: BN022904.D
Acq: 27 Nov 2022 05:44

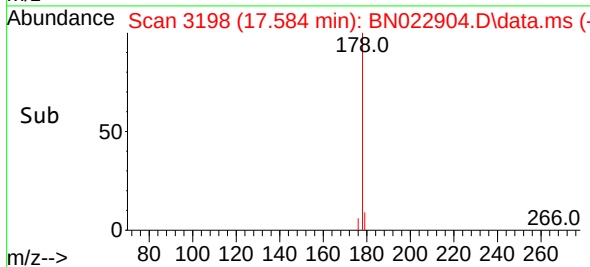
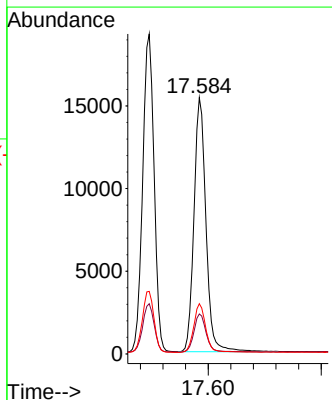
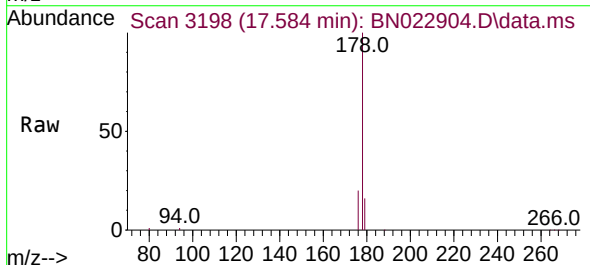
Instrument :
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ClientSampleId :
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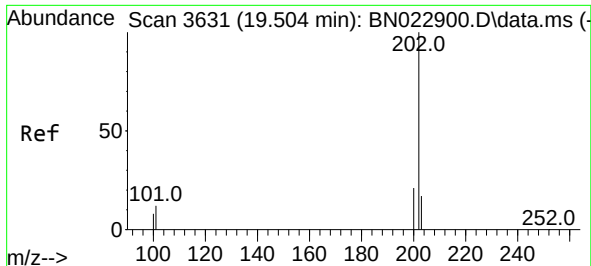
Tgt Ion:	178	Resp:	26938
Ion Ratio	Lower	Upper	
178	100		
179	15.7	12.5	18.7
176	19.5	15.9	23.9



#16
Anthracene
Concen: 0.320 ng/ul
RT: 17.584 min Scan# 3198
Delta R.T. -0.004 min
Lab File: BN022904.D
Acq: 27 Nov 2022 05:44

Tgt Ion:	178	Resp:	22538
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.6	18.8
176	19.6	15.3	22.9

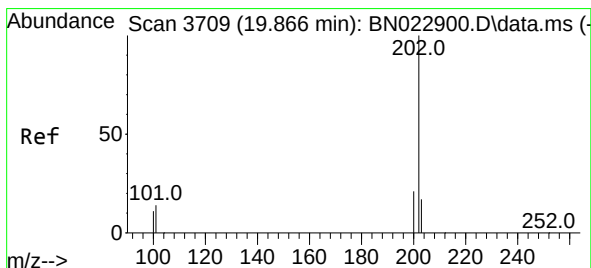
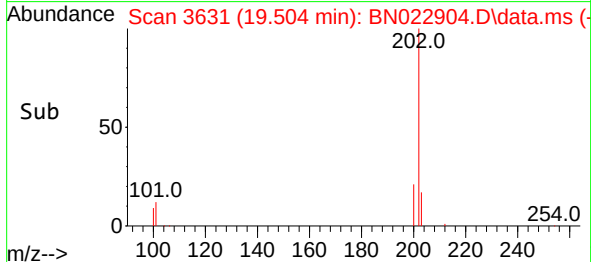
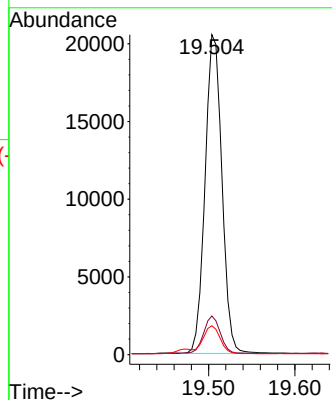
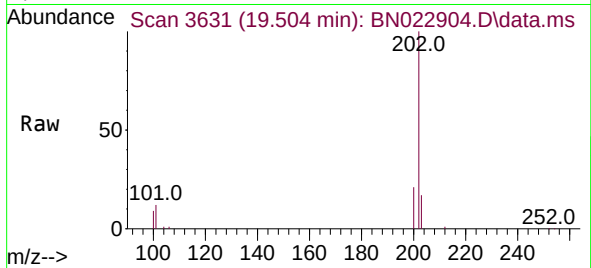




#19
Fluoranthene
Concen: 0.340 ng/ul
RT: 19.504 min Scan# 3631
Delta R.T. -0.005 min
Lab File: BN022904.D
Acq: 27 Nov 2022 05:44

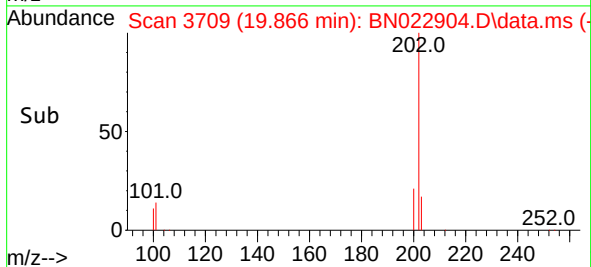
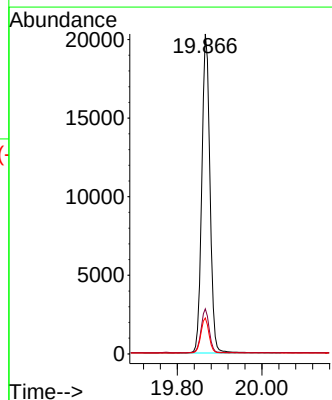
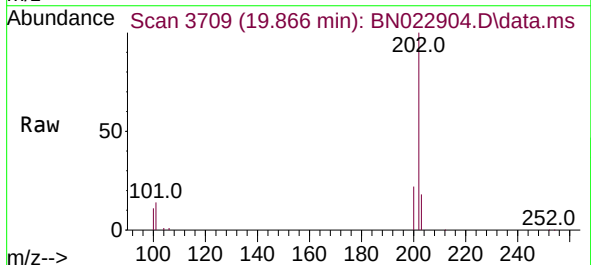
Instrument :
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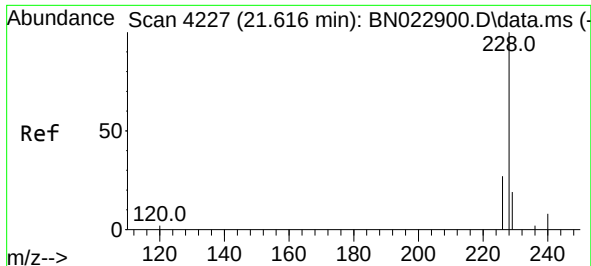
Tgt Ion:202 Resp: 27843
Ion Ratio Lower Upper
202 100
101 12.1 9.2 13.8
100 9.0 6.9 10.3



#20
Pyrene
Concen: 0.339 ng/ul
RT: 19.866 min Scan# 3709
Delta R.T. -0.005 min
Lab File: BN022904.D
Acq: 27 Nov 2022 05:44

Tgt Ion:202 Resp: 27216
Ion Ratio Lower Upper
202 100
101 14.1 10.6 16.0
100 11.2 8.2 12.4

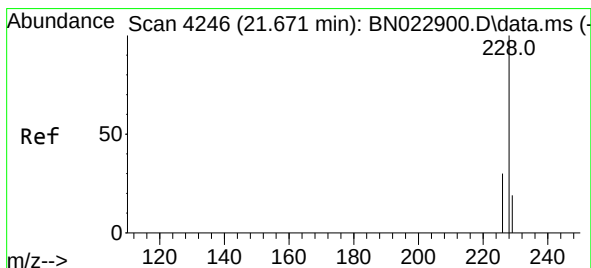
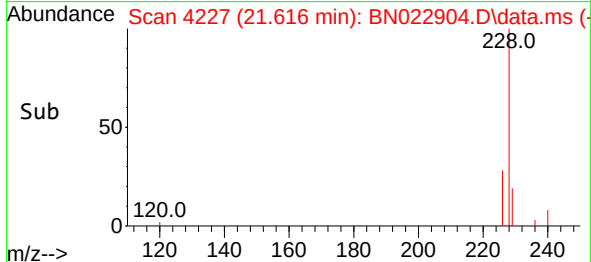
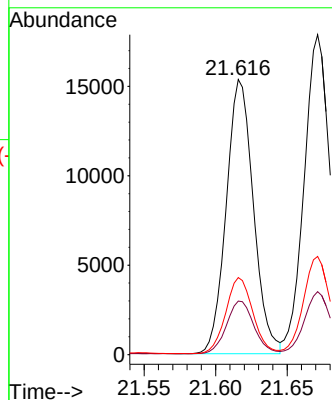
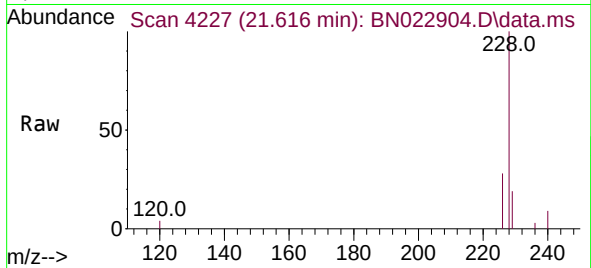




#21
Benzo(a)anthracene
Concen: 0.334 ng/ul
RT: 21.616 min Scan# 4227
Delta R.T. -0.003 min
Lab File: BN022904.D
Acq: 27 Nov 2022 05:44

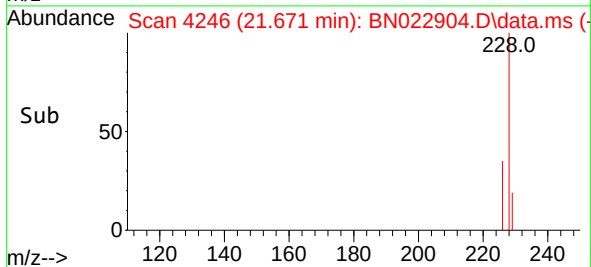
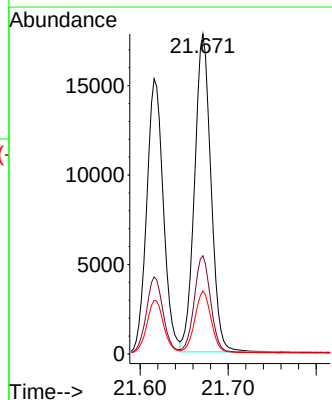
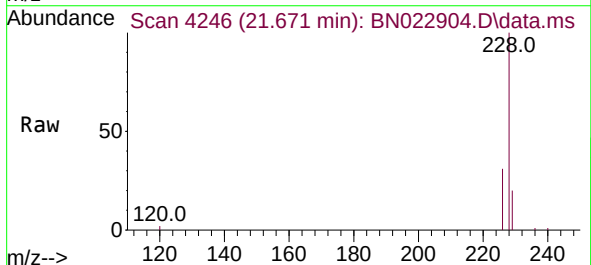
Instrument :
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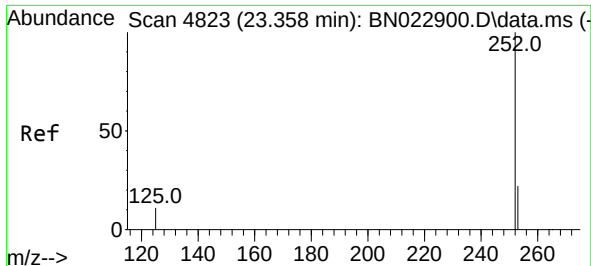
Tgt Ion:228 Resp: 20276
Ion Ratio Lower Upper
228 100
229 19.5 15.5 23.3
226 28.0 22.2 33.4



#22
Chrysene
Concen: 0.345 ng/ul
RT: 21.671 min Scan# 4246
Delta R.T. -0.003 min
Lab File: BN022904.D
Acq: 27 Nov 2022 05:44

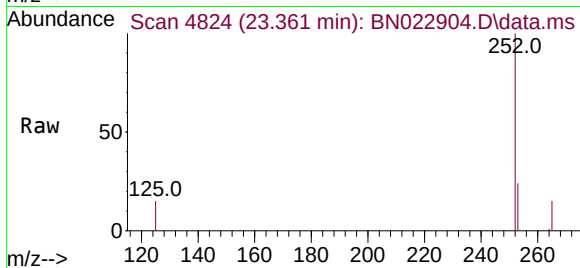
Tgt Ion:228 Resp: 22934
Ion Ratio Lower Upper
228 100
226 30.7 24.6 37.0
229 19.7 15.8 23.8



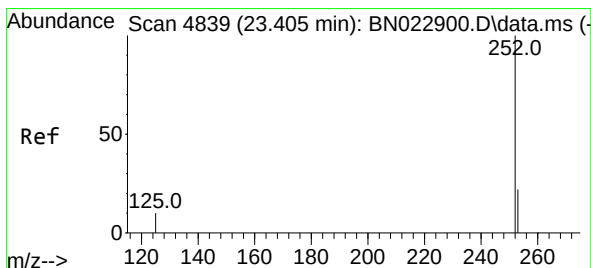
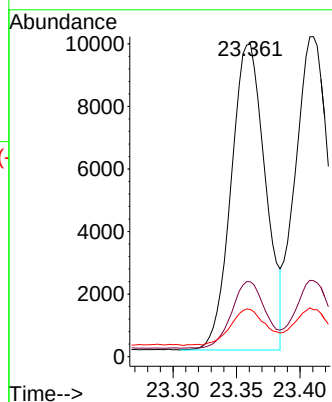


#24
Benzo(b)fluoranthene
Concen: 0.352 ng/ul
RT: 23.361 min Scan# 4824
Delta R.T. -0.003 min
Lab File: BN022904.D
Acq: 27 Nov 2022 05:44

Instrument :
BNA_N
ClientSampleId :
SLCS073

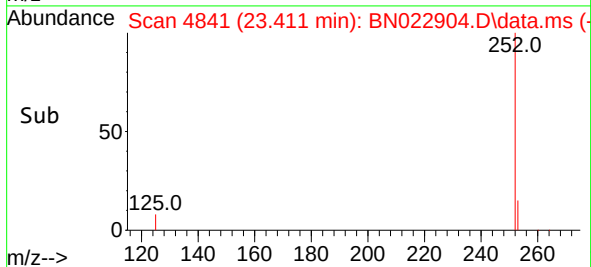
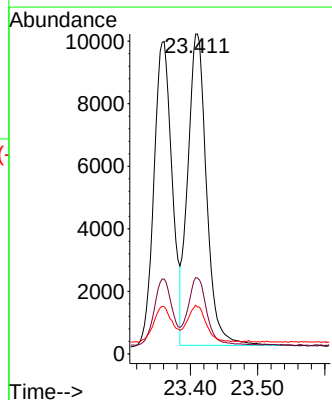
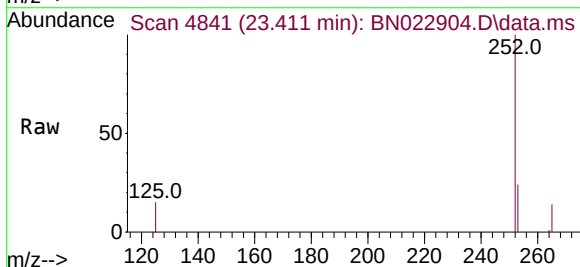


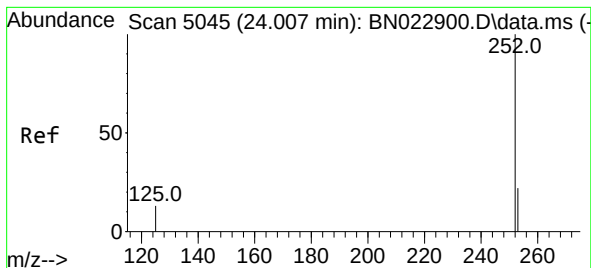
Tgt Ion:252 Resp: 18348
Ion Ratio Lower Upper
252 100
253 24.0 0.0 46.0
125 15.1 0.0 28.6



#25
Benzo(k)fluoranthene
Concen: 0.351 ng/ul
RT: 23.411 min Scan# 4841
Delta R.T. -0.003 min
Lab File: BN022904.D
Acq: 27 Nov 2022 05:44

Tgt Ion:252 Resp: 19334
Ion Ratio Lower Upper
252 100
253 23.7 18.7 28.1
125 14.7 11.3 16.9





#26

Benzo(a)pyrene

Concen: 0.334 ng/ul

RT: 24.010 min Scan# 5045

Delta R.T. -0.003 min

Lab File: BN022904.D

Acq: 27 Nov 2022 05:44

Instrument :

BNA_N

ClientSampleId :

SLCS073

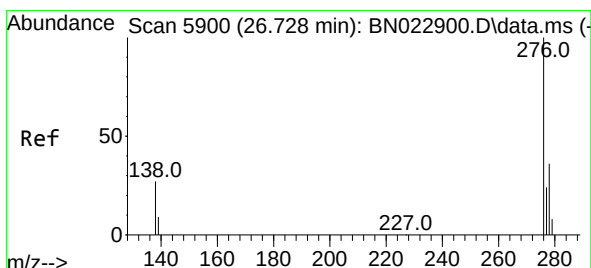
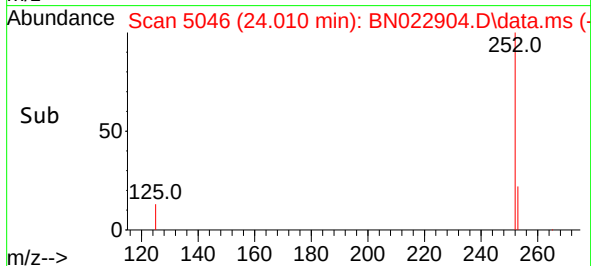
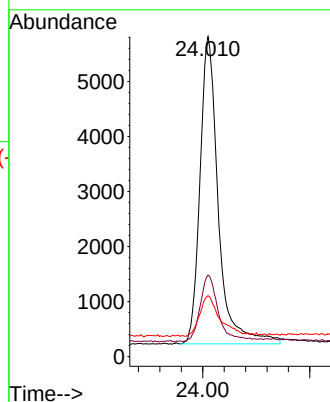
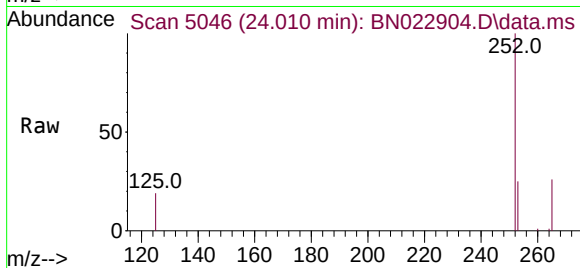
Tgt Ion:252 Resp: 13255

Ion Ratio Lower Upper

252 100

253 25.5 19.7 29.5

125 19.0 13.7 20.5



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.330 ng/ul

RT: 26.738 min Scan# 5903

Delta R.T. -0.003 min

Lab File: BN022904.D

Acq: 27 Nov 2022 05:44

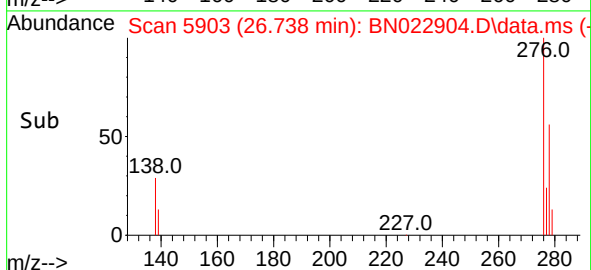
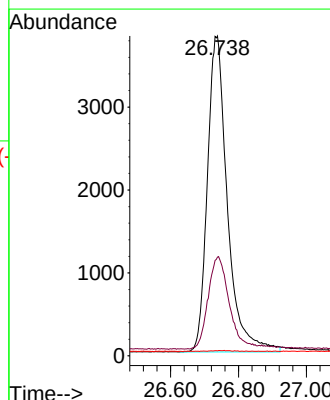
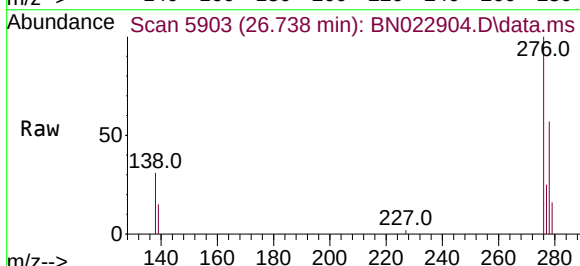
Tgt Ion:276 Resp: 15568

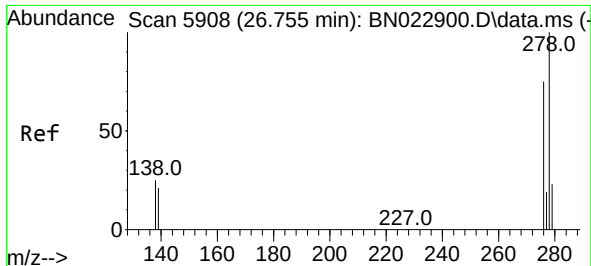
Ion Ratio Lower Upper

276 100

138 31.3 0.0 0.0#

227 0.0 0.0 0.0

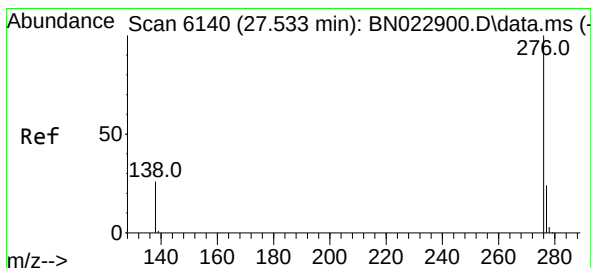
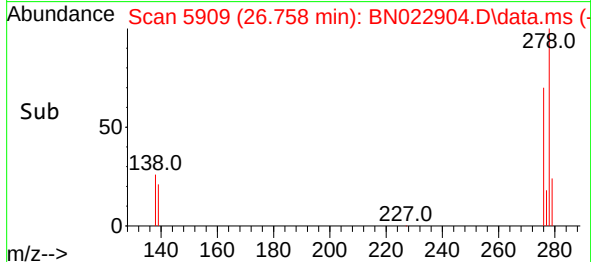
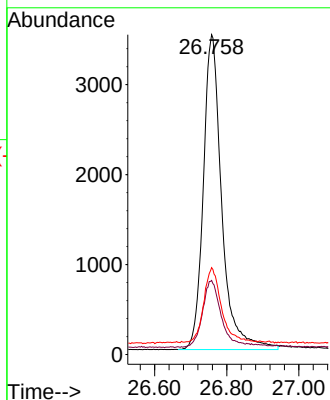
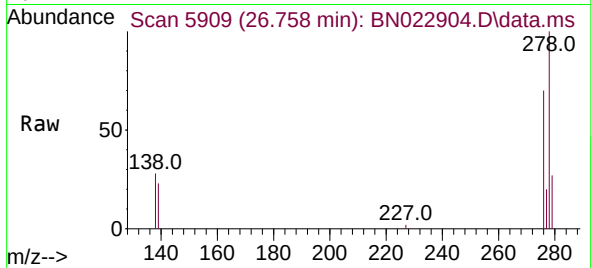




#28
 Dibenzo(a,h)anthracene
 Concen: 0.331 ng/ul
 RT: 26.758 min Scan# 5909
 Delta R.T. -0.003 min
 Lab File: BN022904.D
 Acq: 27 Nov 2022 05:44

Instrument :
 BNA_N
 ClientSampleId :
 SLCS073

Tgt Ion:278 Resp: 12436
 Ion Ratio Lower Upper
 278 100
 139 23.2 18.3 27.5
 279 27.2 20.4 30.6



#29
 Benzo(g,h,i)perylene
 Concen: 0.332 ng/ul
 RT: 27.533 min Scan# 6140
 Delta R.T. -0.007 min
 Lab File: BN022904.D
 Acq: 27 Nov 2022 05:44

Tgt Ion:276 Resp: 13669
 Ion Ratio Lower Upper
 276 100
 138 27.7 22.1 33.1
 277 25.2 19.4 29.2

