

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112622\
 Data File : BN022892.D
 Acq On : 26 Nov 2022 21:45
 Operator : CG/JU
 Sample : PB149031BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS031

Quant Time: Nov 28 03:49:46 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)

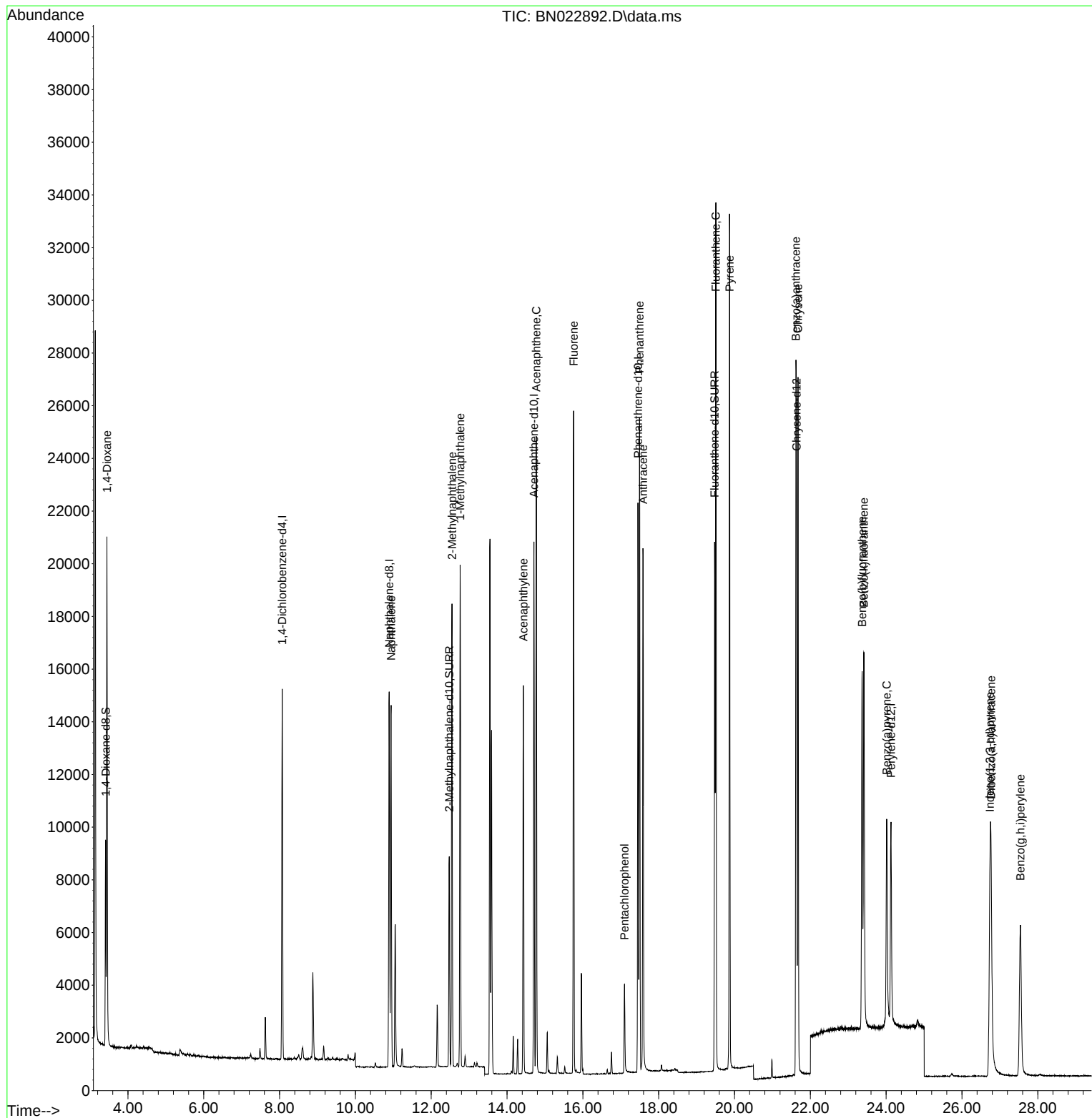
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.070	152	6837	0.400	ng/u1	0.00
4) Naphthalene-d8	10.892	136	19002	0.400	ng/u1	0.00
9) Acenaphthene-d10	14.711	164	10693	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.454	188	23422	0.400	ng/u1	0.00
17) Chrysene-d12	21.637	240	16323	0.400	ng/u1	0.00
23) Perylene-d12	24.128	264	11264	0.400	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.412	96	4851	0.591	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.476	152	9973	0.344	ng/u1	0.00
18) Fluoranthene-d10	19.477	212	20805	0.345	ng/u1	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.446	88	12625	1.475	ng/u1	92
5) Naphthalene	10.942	128	18570	0.322	ng/u1	100
7) 2-Methylnaphthalene	12.547	142	11690	0.324	ng/u1	100
8) 1-Methylnaphthalene	12.762	142	12498	0.341	ng/u1	100
10) Acenaphthylene	14.429	152	16216	0.308	ng/u1	99
11) Acenaphthene	14.771	153	13126	0.314	ng/u1	98
12) Fluorene	15.756	166	14906	0.315	ng/u1	100
14) Pentachlorophenol	17.095	266	2400	0.490	ng/u1#	100
15) Phenanthrene	17.497	178	25423	0.316	ng/u1	100
16) Anthracene	17.585	178	21477	0.311	ng/u1	99
19) Fluoranthene	19.509	202	27079	0.321	ng/u1	99
20) Pyrene	19.867	202	26775	0.324	ng/u1	97
21) Benzo(a)anthracene	21.620	228	20771	0.333	ng/u1	99
22) Chrysene	21.675	228	23111	0.338	ng/u1	100
24) Benzo(b)fluoranthene	23.365	252	18652	0.327	ng/u1	99
25) Benzo(k)fluoranthene	23.411	252	20684	0.343	ng/u1	99
26) Benzo(a)pyrene	24.014	252	14120	0.325	ng/u1	98
27) Indeno(1,2,3-cd)pyrene	26.739	276	16051	0.311	ng/u1#	100
28) Dibenzo(a,h)anthracene	26.766	278	12824	0.312	ng/u1	98
29) Benzo(g,h,i)perylene	27.544	276	13910	0.309	ng/u1	99

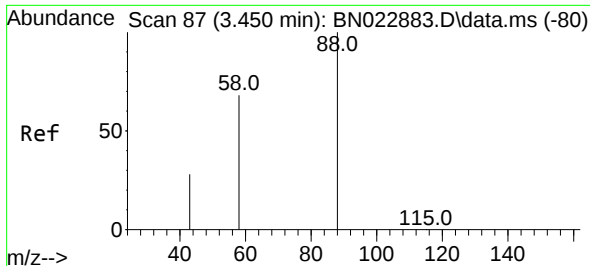
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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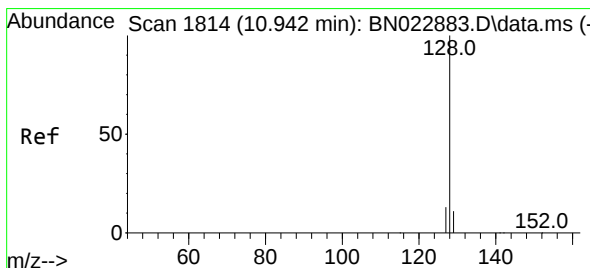
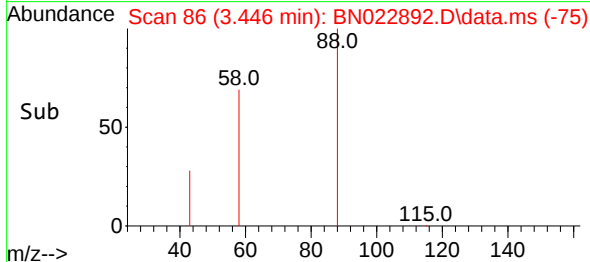
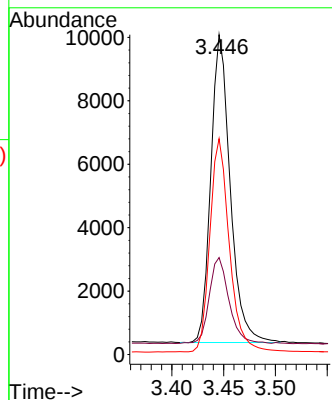
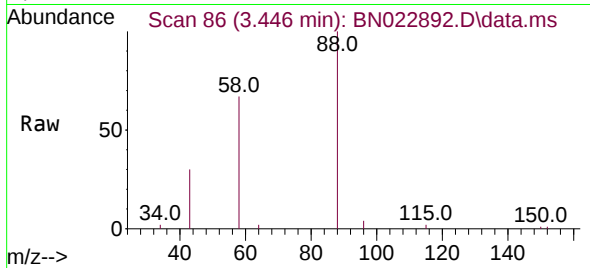




#2
1,4-Dioxane
Concen: 1.475 ng/ul
RT: 3.446 min Scan# 80
Delta R.T. -0.004 min
Lab File: BN022892.D
Acq: 26 Nov 2022 21:45

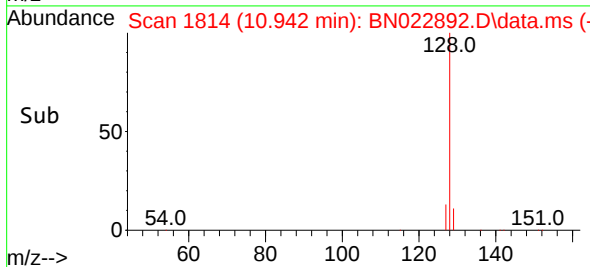
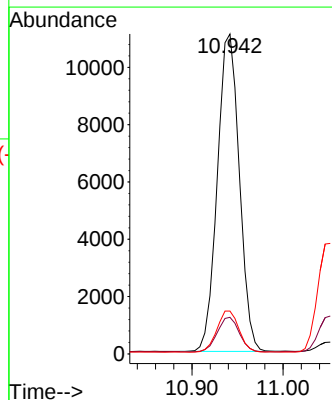
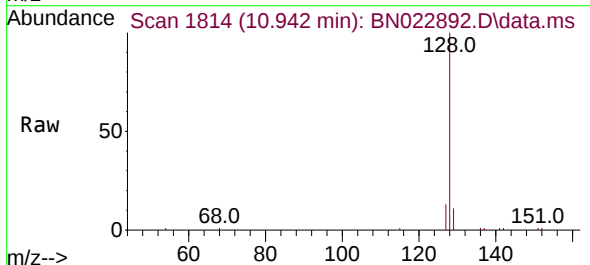
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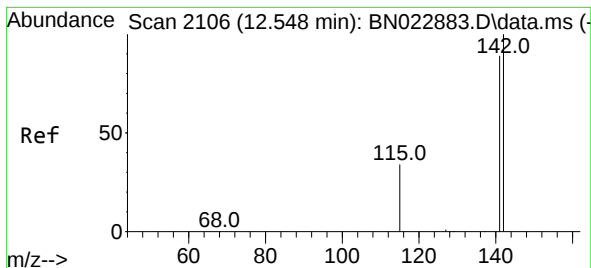
Tgt Ion: 88 Resp: 12625
Ion Ratio Lower Upper
88 100
43 30.3 26.2 39.4
58 67.5 47.6 71.4



#5
Naphthalene
Concen: 0.322 ng/ul
RT: 10.942 min Scan# 1814
Delta R.T. -0.000 min
Lab File: BN022892.D
Acq: 26 Nov 2022 21:45

Tgt Ion: 128 Resp: 18570
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 13.4 10.6 16.0

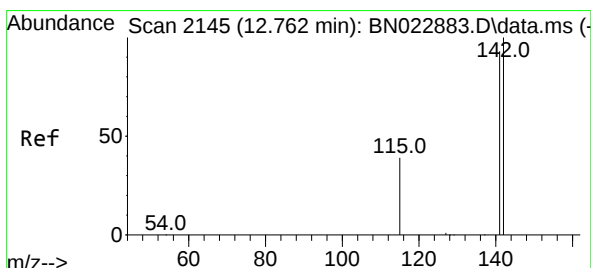
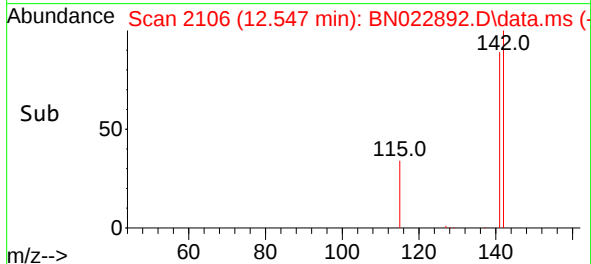
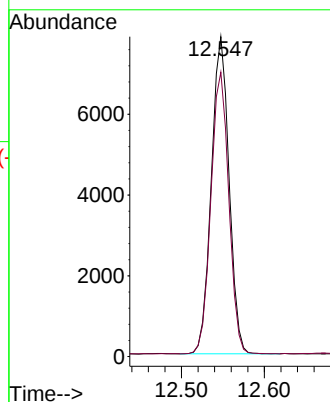
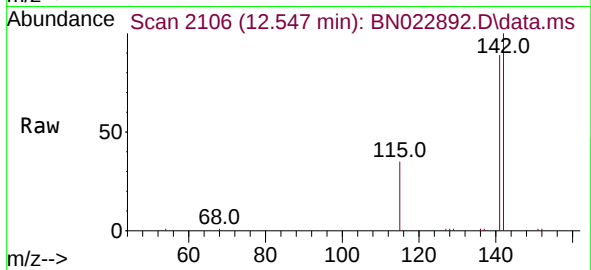




#7
2-Methylnaphthalene
Concen: 0.324 ng/ul
RT: 12.547 min Scan# 2106
Delta R.T. 0.000 min
Lab File: BN022892.D
Acq: 26 Nov 2022 21:45

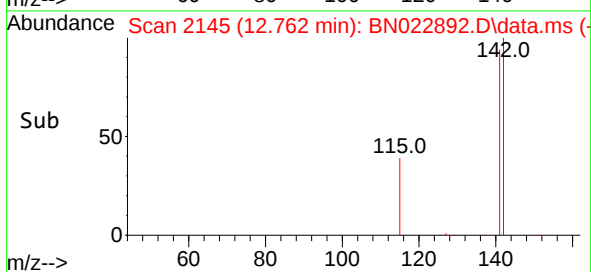
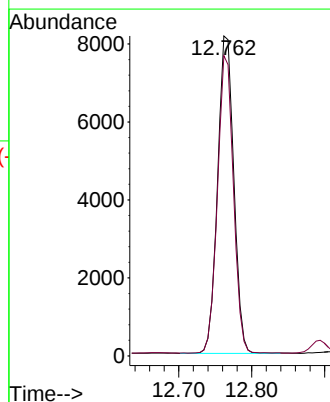
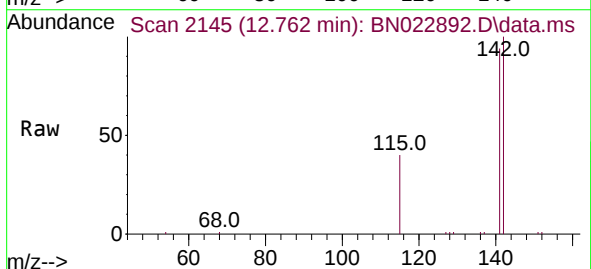
Instrument :
BNA_N
ClientSampleId :
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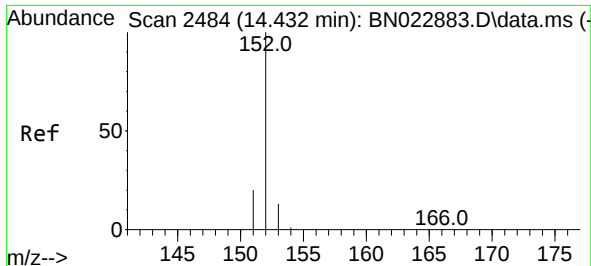
Tgt Ion:142 Resp: 11690
Ion Ratio Lower Upper
142 100
141 89.5 71.6 107.4



#8
1-Methylnaphthalene
Concen: 0.341 ng/ul
RT: 12.762 min Scan# 2145
Delta R.T. -0.006 min
Lab File: BN022892.D
Acq: 26 Nov 2022 21:45

Tgt Ion:142 Resp: 12498
Ion Ratio Lower Upper
142 100
141 92.3 73.8 110.6

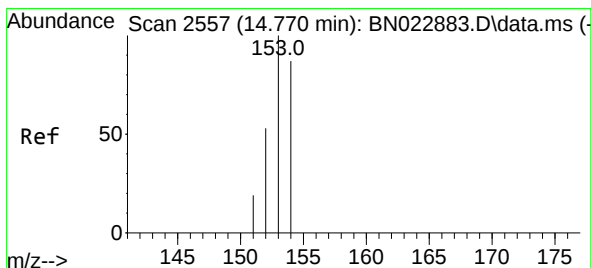
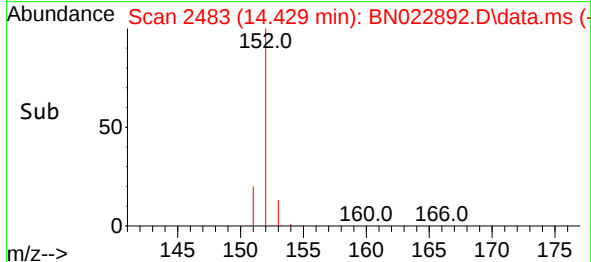
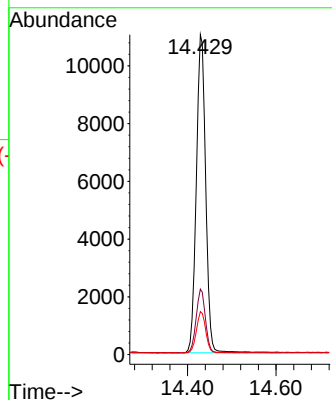
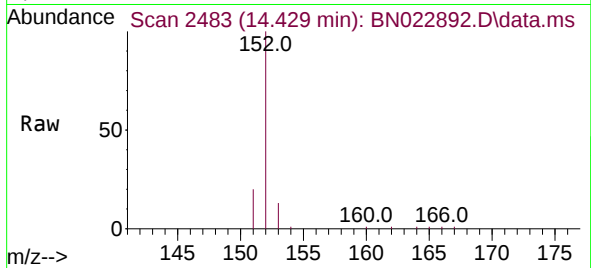




#10
Acenaphthylene
Concen: 0.308 ng/ul
RT: 14.429 min Scan# 2483
Delta R.T. -0.004 min
Lab File: BN022892.D
Acq: 26 Nov 2022 21:45

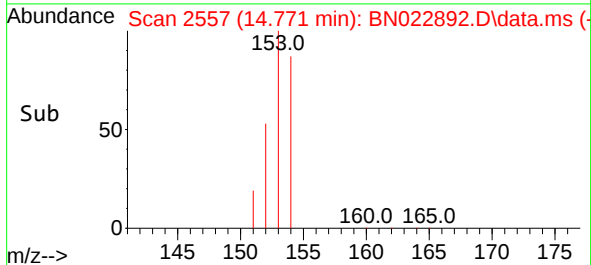
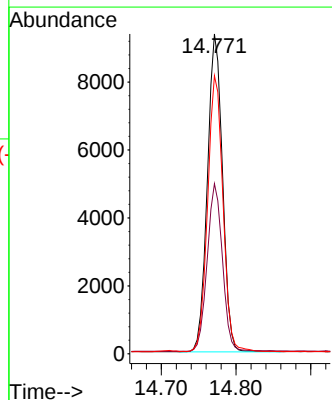
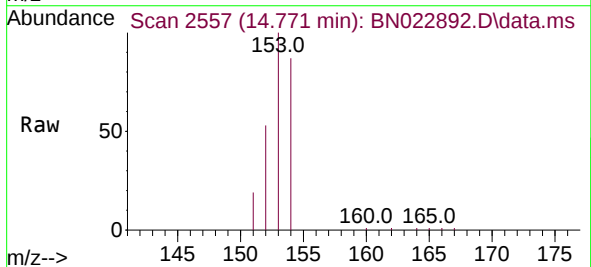
Instrument :
BNA_N
ClientSampleId :
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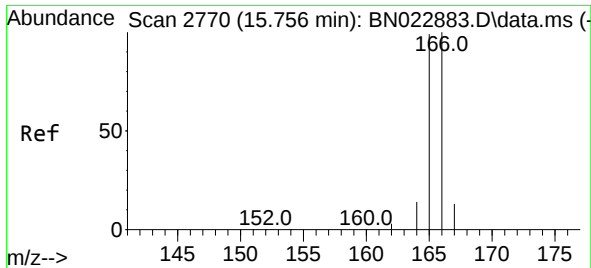
Tgt Ion:152 Resp: 16216
Ion Ratio Lower Upper
152 100
151 20.5 16.0 24.0
153 13.4 10.5 15.7



#11
Acenaphthene
Concen: 0.314 ng/ul
RT: 14.771 min Scan# 2557
Delta R.T. -0.004 min
Lab File: BN022892.D
Acq: 26 Nov 2022 21:45

Tgt Ion:153 Resp: 13126
Ion Ratio Lower Upper
153 100
152 53.2 41.8 62.8
154 86.9 71.3 106.9

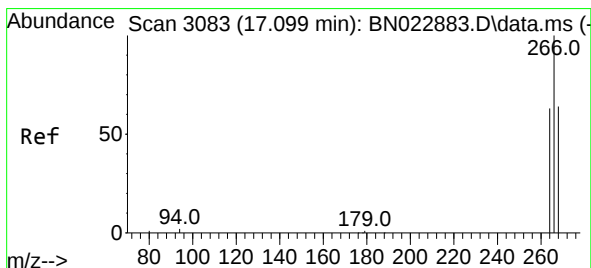
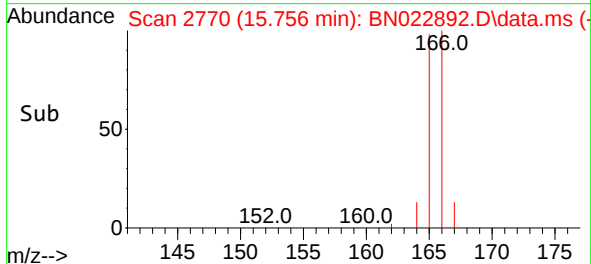
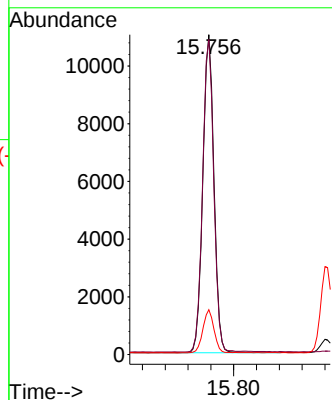
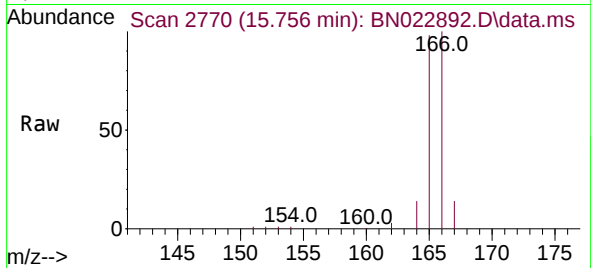




#12
Fluorene
Concen: 0.315 ng/ul
RT: 15.756 min Scan# 21
Delta R.T. 0.001 min
Lab File: BN022892.D
Acq: 26 Nov 2022 21:45

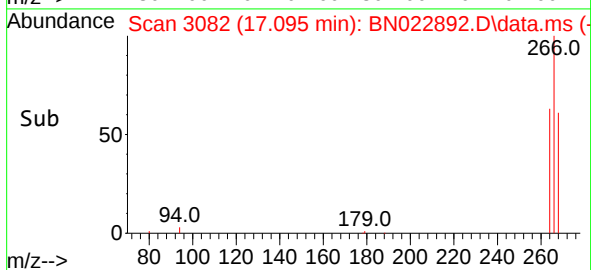
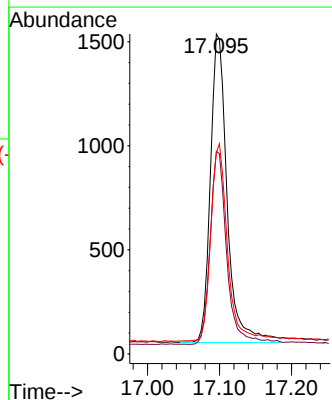
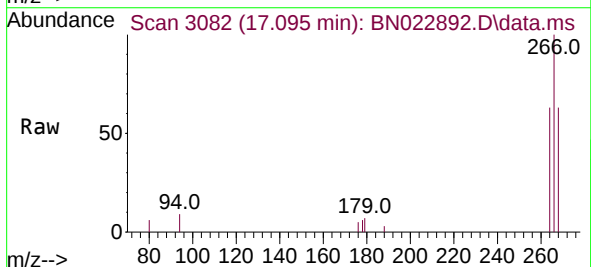
Instrument :
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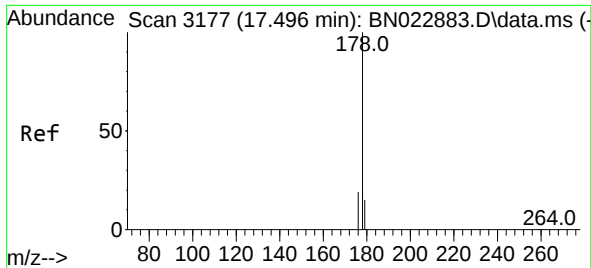
Tgt Ion:166 Resp: 14906
Ion Ratio Lower Upper
166 100
165 98.5 78.7 118.1
167 14.0 10.8 16.2



#14
Pentachlorophenol
Concen: 0.490 ng/ul
RT: 17.095 min Scan# 3082
Delta R.T. -0.003 min
Lab File: BN022892.D
Acq: 26 Nov 2022 21:45

Tgt Ion:266 Resp: 2400
Ion Ratio Lower Upper
266 100
264 62.3 0.0 0.0#
268 64.4 0.0 0.0#

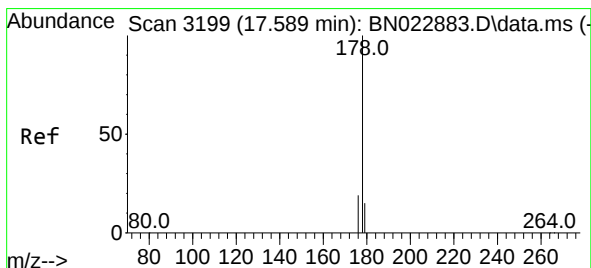
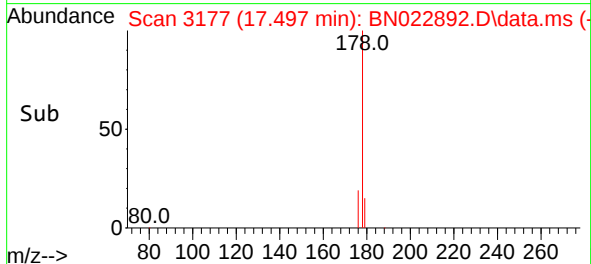
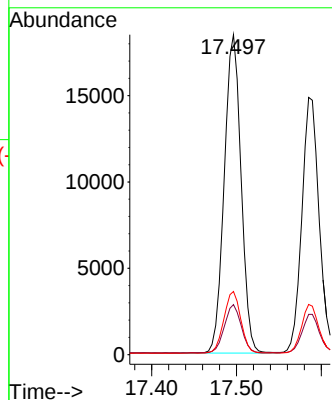
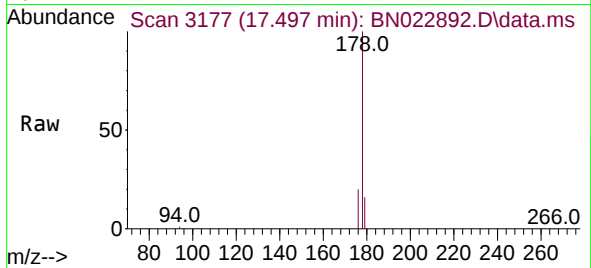




#15
Phenanthrene
Concen: 0.316 ng/ul
RT: 17.497 min Scan# 3177
Delta R.T. 0.001 min
Lab File: BN022892.D
Acq: 26 Nov 2022 21:45

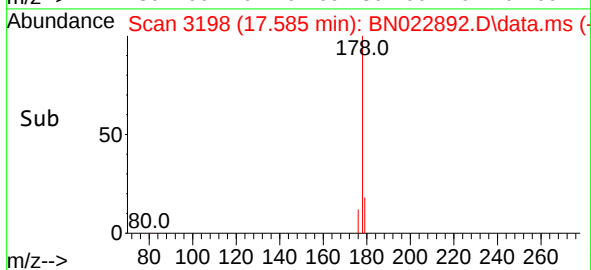
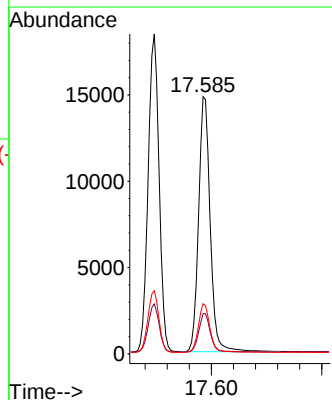
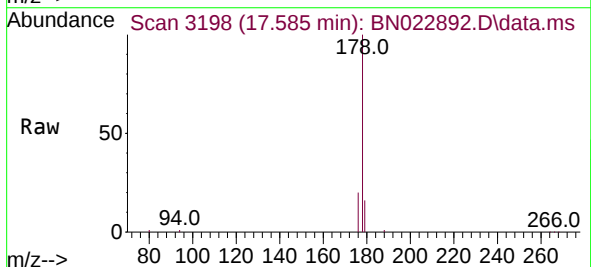
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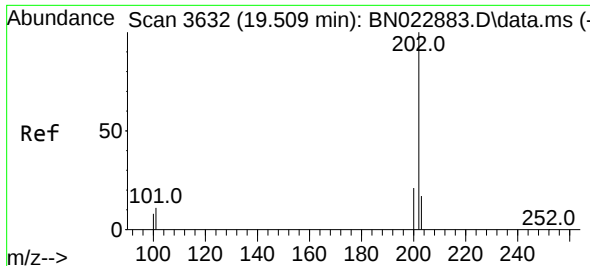
Tgt Ion:178 Resp: 25423
Ion Ratio Lower Upper
178 100
179 15.6 12.5 18.7
176 19.7 15.9 23.9



#16
Anthracene
Concen: 0.311 ng/ul
RT: 17.585 min Scan# 3198
Delta R.T. -0.003 min
Lab File: BN022892.D
Acq: 26 Nov 2022 21:45

Tgt Ion:178 Resp: 21477
Ion Ratio Lower Upper
178 100
179 15.7 12.6 18.8
176 19.5 15.3 22.9

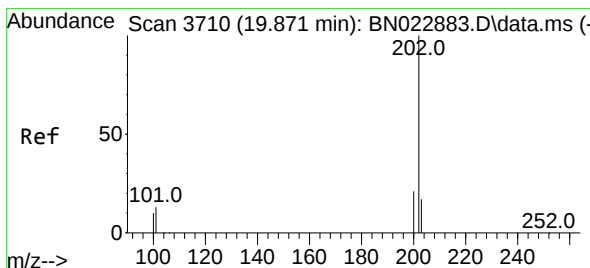
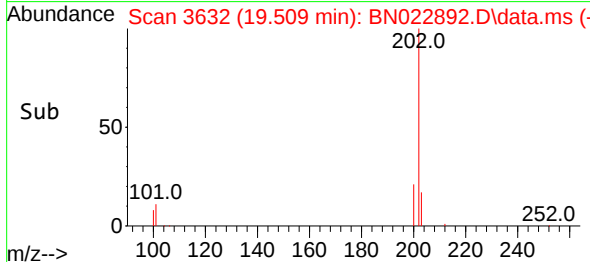
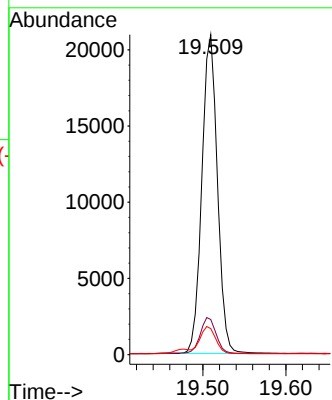
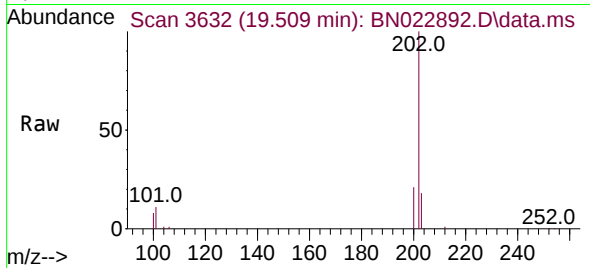




#19
Fluoranthene
Concen: 0.321 ng/ul
RT: 19.509 min Scan# 3709
Delta R.T. 0.001 min
Lab File: BN022892.D
Acq: 26 Nov 2022 21:45

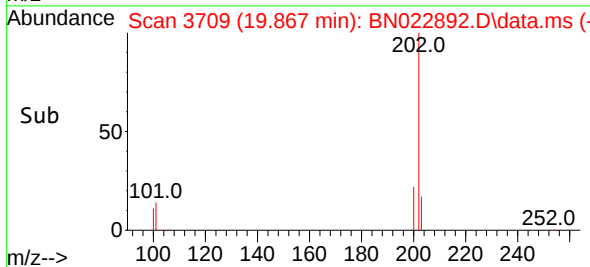
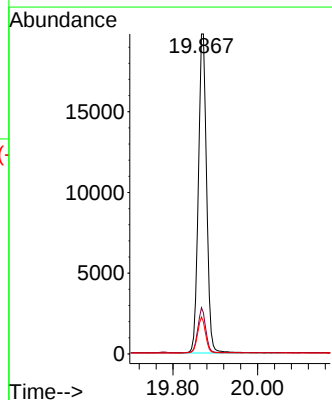
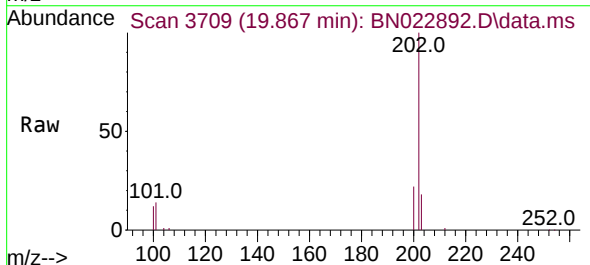
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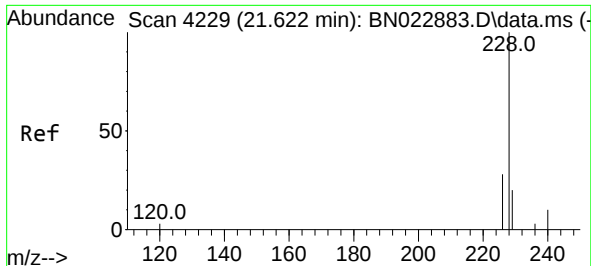
Tgt Ion:202 Resp: 27079
Ion Ratio Lower Upper
202 100
101 11.0 9.2 13.8
100 8.1 6.9 10.3



#20
Pyrene
Concen: 0.324 ng/ul
RT: 19.867 min Scan# 3709
Delta R.T. -0.004 min
Lab File: BN022892.D
Acq: 26 Nov 2022 21:45

Tgt Ion:202 Resp: 26775
Ion Ratio Lower Upper
202 100
101 14.4 10.6 16.0
100 11.5 8.2 12.4

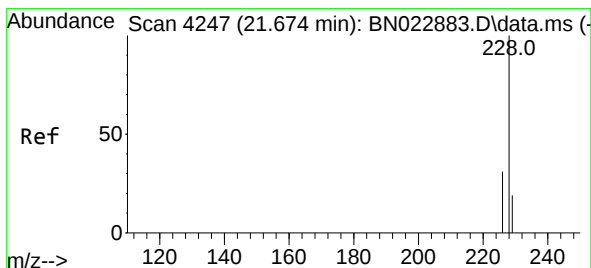
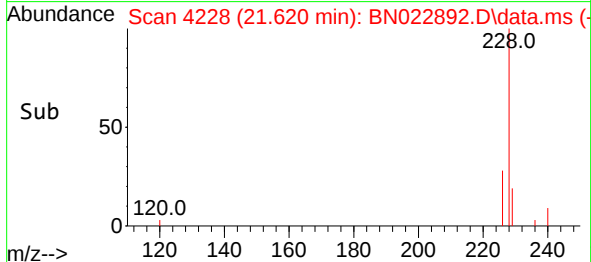
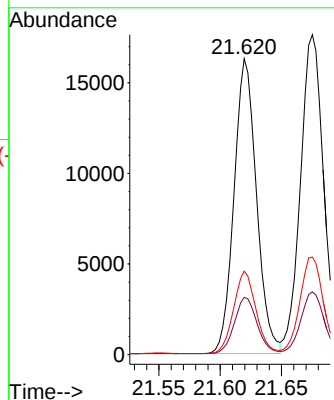
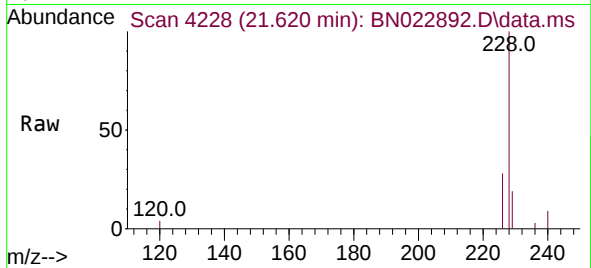




#21
Benzo(a)anthracene
Concen: 0.333 ng/ul
RT: 21.620 min Scan# 4229
Delta R.T. 0.001 min
Lab File: BN022892.D
Acq: 26 Nov 2022 21:45

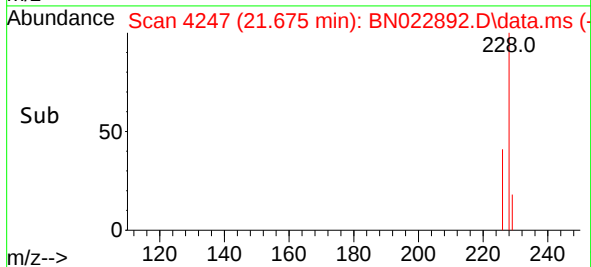
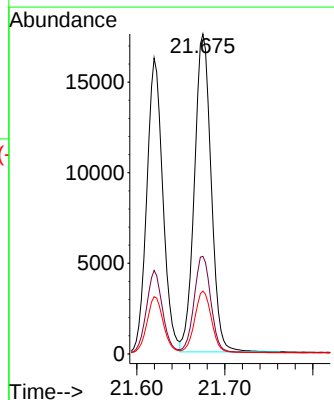
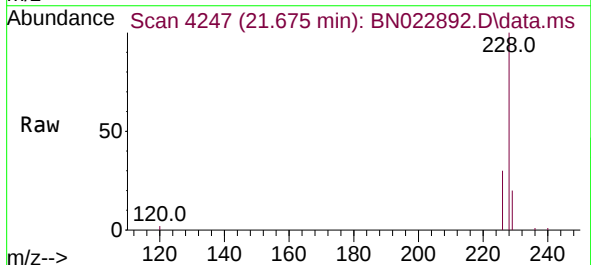
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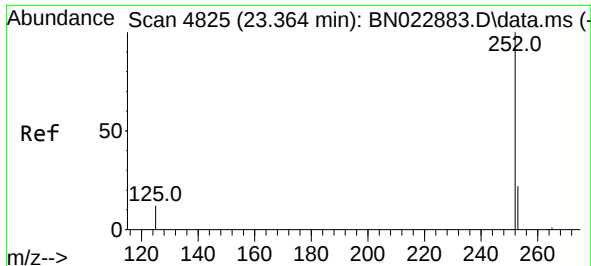
Tgt Ion:228 Resp: 20771
Ion Ratio Lower Upper
228 100
229 19.3 15.5 23.3
226 28.2 22.2 33.4



#22
Chrysene
Concen: 0.338 ng/ul
RT: 21.675 min Scan# 4247
Delta R.T. 0.001 min
Lab File: BN022892.D
Acq: 26 Nov 2022 21:45

Tgt Ion:228 Resp: 23111
Ion Ratio Lower Upper
228 100
226 30.5 24.6 37.0
229 19.6 15.8 23.8

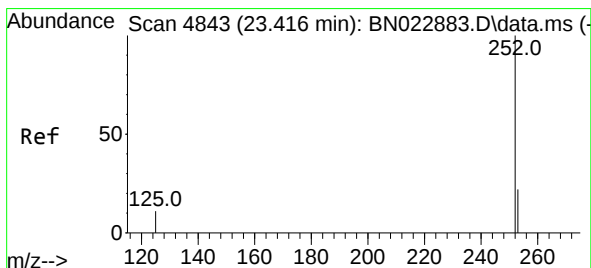
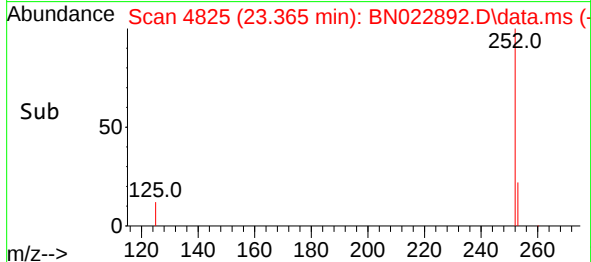
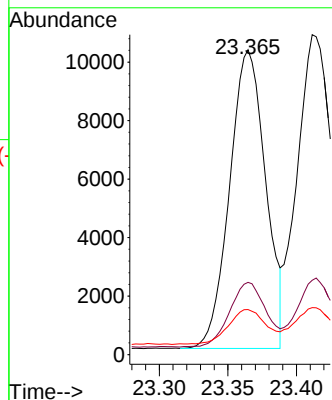
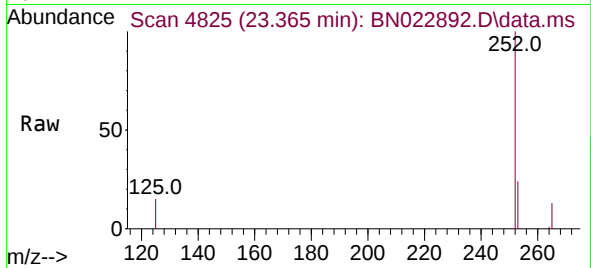




#24
Benzo(b)fluoranthene
Concen: 0.327 ng/ul
RT: 23.365 min Scan# 4825
Delta R.T. 0.001 min
Lab File: BN022892.D
Acq: 26 Nov 2022 21:45

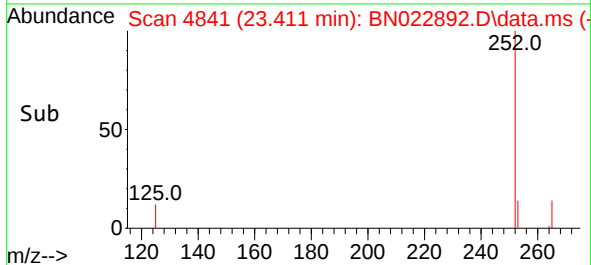
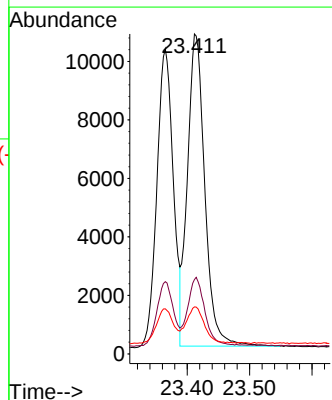
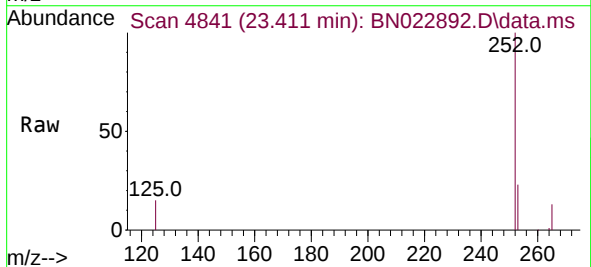
Instrument :
BNA_N
ClientSampleId :
SLCS031

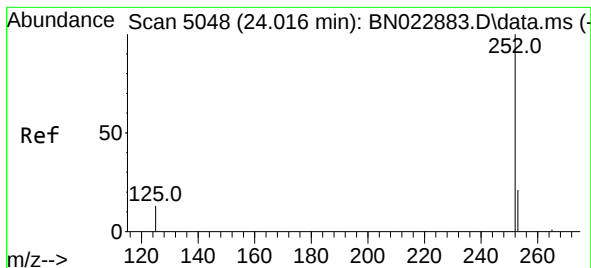
Tgt Ion:252	Resp:	18652
Ion Ratio	Lower	Upper
252	100	
253	23.7	0.0 46.0
125	14.8	0.0 28.6



#25
Benzo(k)fluoranthene
Concen: 0.343 ng/ul
RT: 23.411 min Scan# 4841
Delta R.T. -0.002 min
Lab File: BN022892.D
Acq: 26 Nov 2022 21:45

Tgt Ion:252	Resp:	20684
Ion Ratio	Lower	Upper
252	100	
253	23.2	18.7 28.1
125	14.7	11.3 16.9





#26

Benzo(a)pyrene

Concen: 0.325 ng/ul

RT: 24.014 min Scan# 5048

Delta R.T. 0.001 min

Lab File: BN022892.D

Acq: 26 Nov 2022 21:45

Instrument :

BNA_N

ClientSampleId :

SLCS031

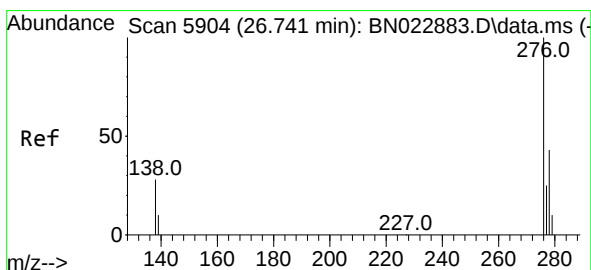
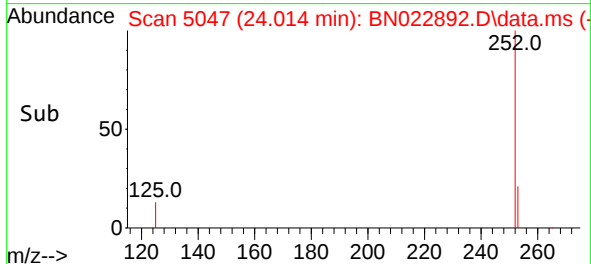
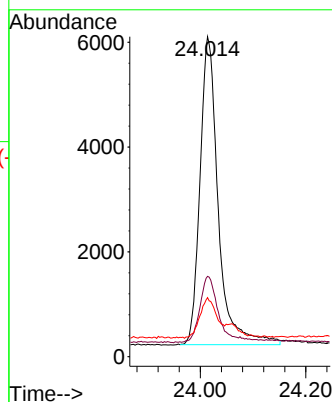
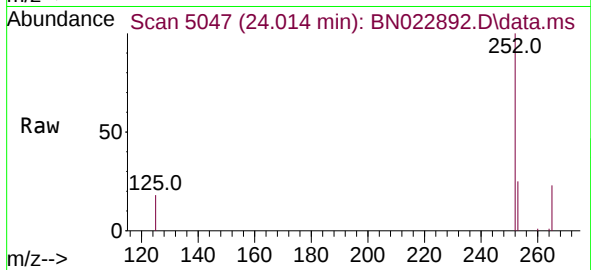
Tgt Ion:252 Resp: 14120

Ion Ratio Lower Upper

252 100

253 25.1 19.7 29.5

125 18.4 13.7 20.5



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.311 ng/ul

RT: 26.739 min Scan# 5903

Delta R.T. -0.002 min

Lab File: BN022892.D

Acq: 26 Nov 2022 21:45

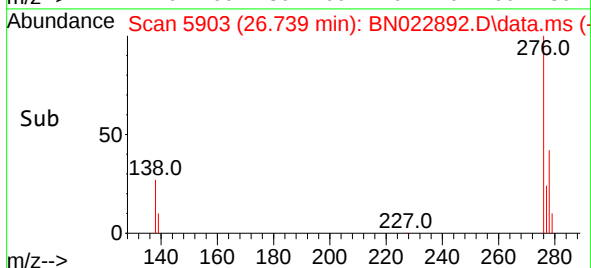
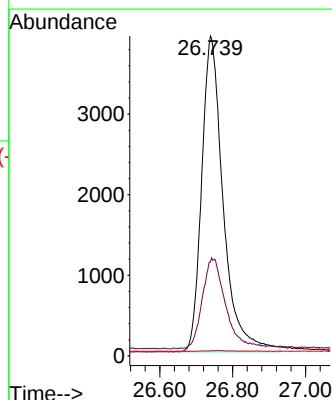
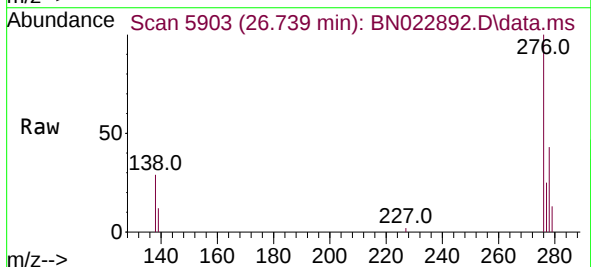
Tgt Ion:276 Resp: 16051

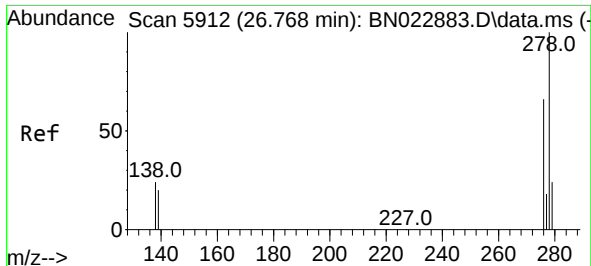
Ion Ratio Lower Upper

276 100

138 30.6 0.0 0.0#

227 0.0 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.312 ng/ul

RT: 26.766 min Scan# 5912

Delta R.T. 0.004 min

Lab File: BN022892.D

Acq: 26 Nov 2022 21:45

Instrument :

BNA_N

ClientSampleId :

SLCS031

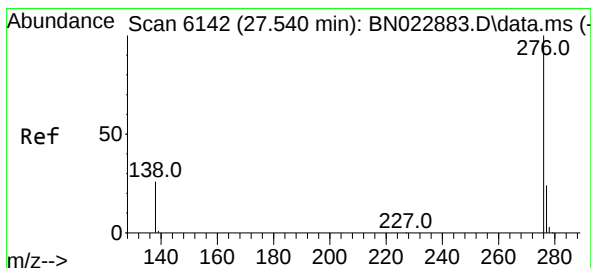
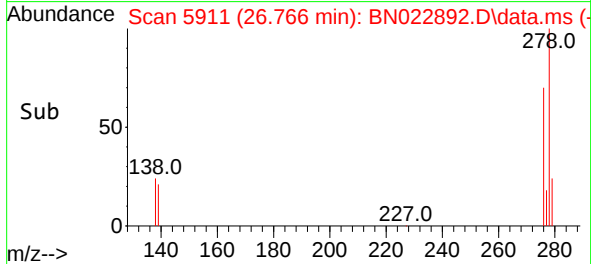
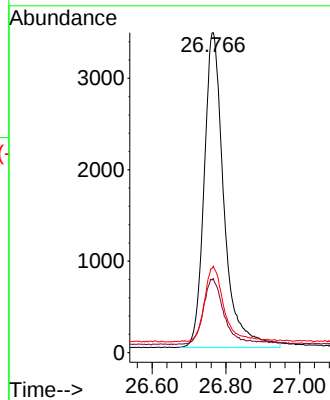
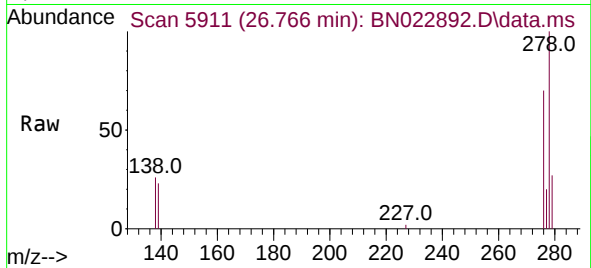
Tgt Ion:278 Resp: 12824

Ion Ratio Lower Upper

278 100

139 23.1 18.3 27.5

279 27.0 20.4 30.6



#29

Benzo(g,h,i)perylene

Concen: 0.309 ng/ul

RT: 27.544 min Scan# 6143

Delta R.T. 0.004 min

Lab File: BN022892.D

Acq: 26 Nov 2022 21:45

Tgt Ion:276 Resp: 13910

Ion Ratio Lower Upper

276 100

138 26.9 22.1 33.1

277 24.3 19.4 29.2

