

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102422\
 Data File : BN022307.D
 Acq On : 24 Oct 2022 20:51
 Operator : CG/JU
 Sample : PB148415BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS415

Quant Time: Oct 25 04:43:03 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 22 03:40:14 2022
 Response via : Initial Calibration

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

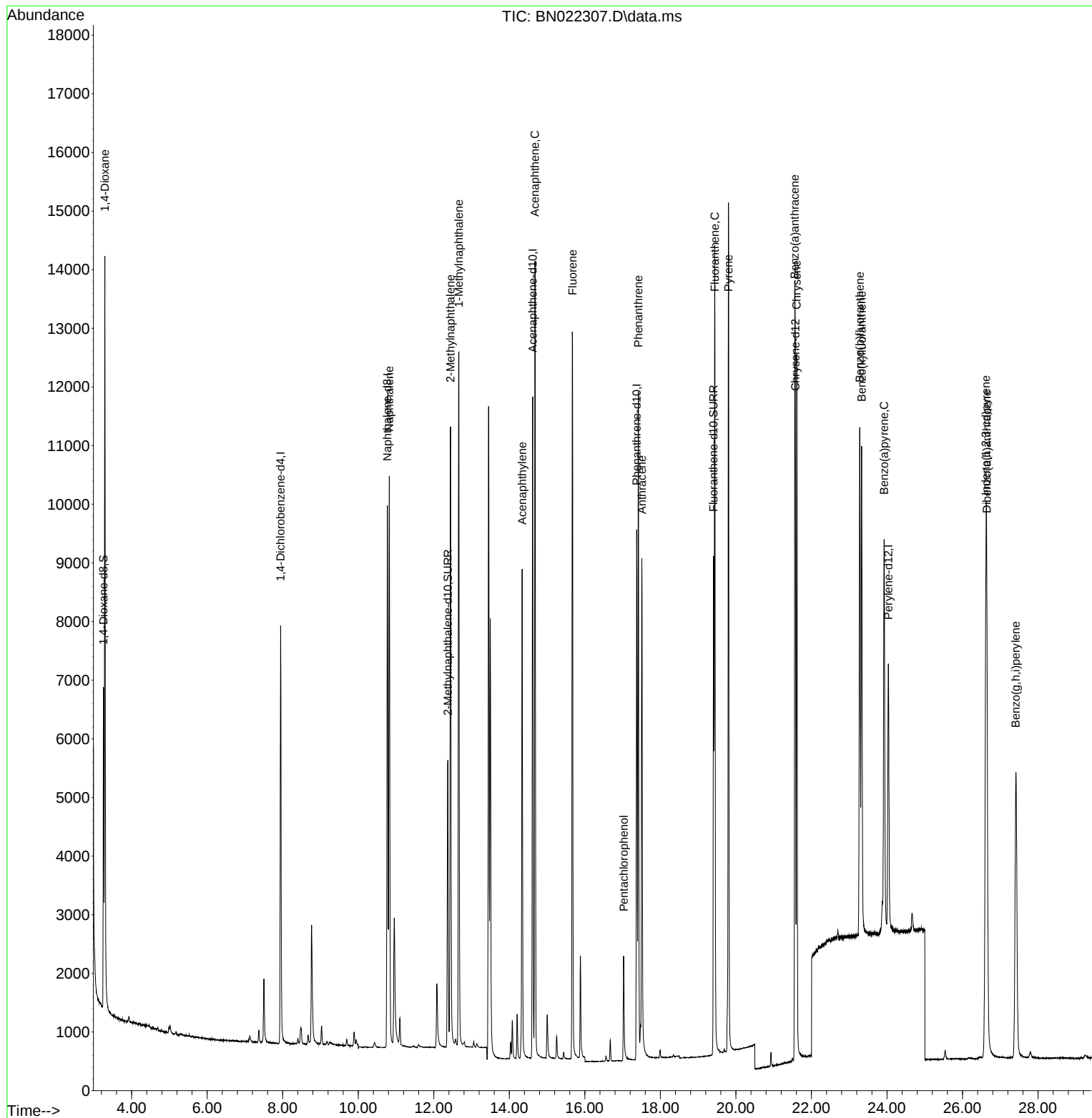
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.944	152	3898	0.400	ng/ul	0.00
4) Naphthalene-d8	10.772	136	12945	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.619	164	6250	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.374	188	10631	0.400	ng/ul	0.00
17) Chrysene-d12	21.576	240	7625	0.400	ng/ul	0.00
23) Perylene-d12	24.037	264	6827	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.257	96	3417	0.675	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.373	152	6905	0.353	ng/ul	0.00
18) Fluoranthene-d10	19.407	212	9215	0.360	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.291	88	8407	1.616	ng/ul	89
5) Naphthalene	10.822	128	13737	0.359	ng/ul	100
7) 2-Methylnaphthalene	12.444	142	8153	0.338	ng/ul	99
8) 1-Methylnaphthalene	12.664	142	8705	0.351	ng/ul	100
10) Acenaphthylene	14.341	152	9953	0.355	ng/ul	100
11) Acenaphthene	14.679	153	8159	0.345	ng/ul	99
12) Fluorene	15.674	166	8412	0.306	ng/ul	99
14) Pentachlorophenol	17.028	266	1415	0.560	ng/ul	100
15) Phenanthrene	17.417	178	12270	0.344	ng/ul	99
16) Anthracene	17.510	178	10239	0.340	ng/ul	99
19) Fluoranthene	19.440	202	12090	0.346	ng/ul	100
20) Pyrene	19.802	202	12281	0.350	ng/ul	98
21) Benzo(a)anthracene	21.559	228	10539	0.369	ng/ul	99
22) Chrysene	21.611	228	11153	0.368	ng/ul	99
24) Benzo(b)fluoranthene	23.280	252	11607	0.339	ng/ul	95
25) Benzo(k)fluoranthene	23.330	252	11431	0.343	ng/ul	97
26) Benzo(a)pyrene	23.926	252	10241	0.375	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.622	276	13559	0.399	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.642	278	10650	0.392	ng/ul	97
29) Benzo(g,h,i)perylene	27.413	276	11201	0.405	ng/ul	99

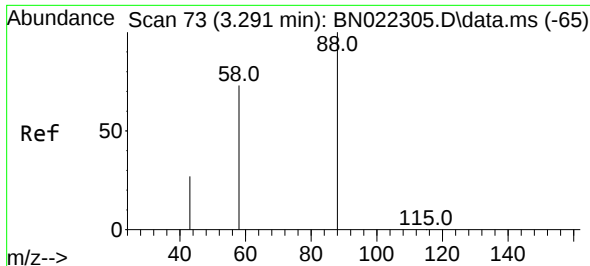
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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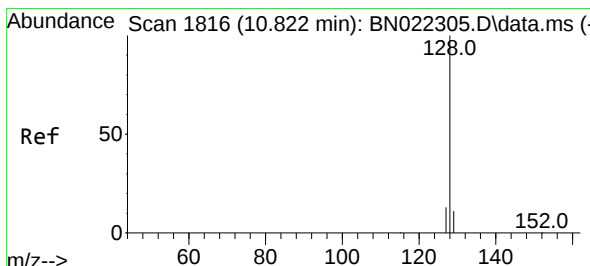
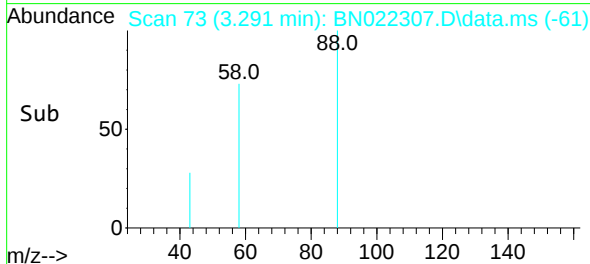
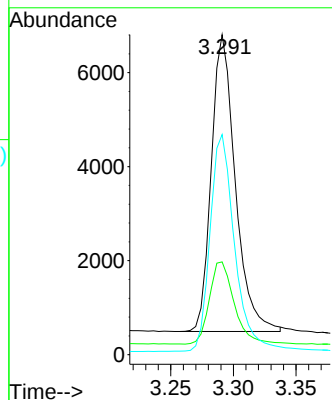
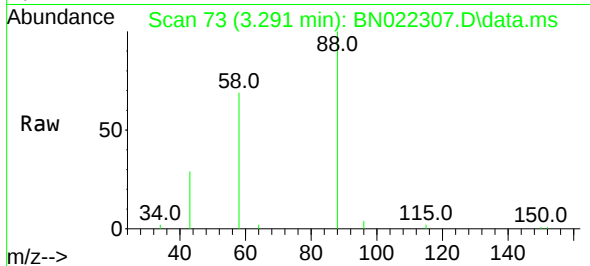




#2
1,4-Dioxane
Concen: 1.616 ng/ul
RT: 3.291 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN022307.D
Acq: 24 Oct 2022 20:51

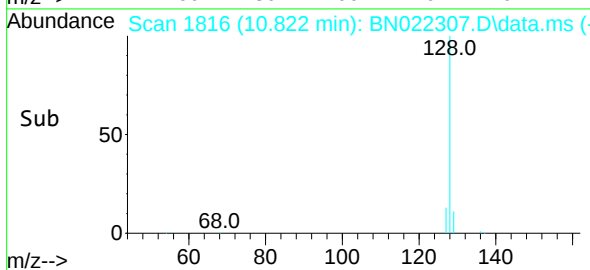
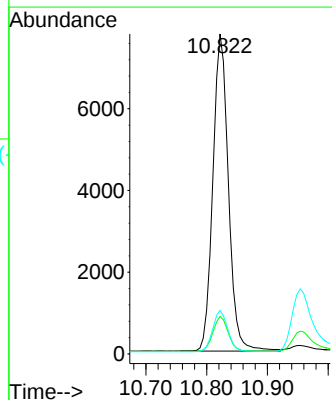
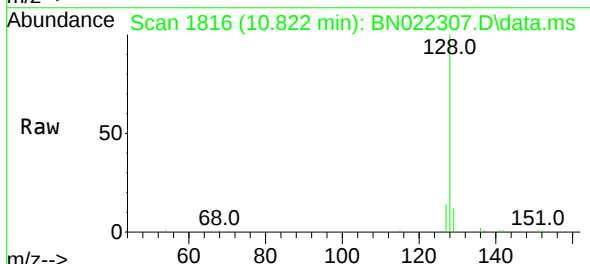
Instrument :
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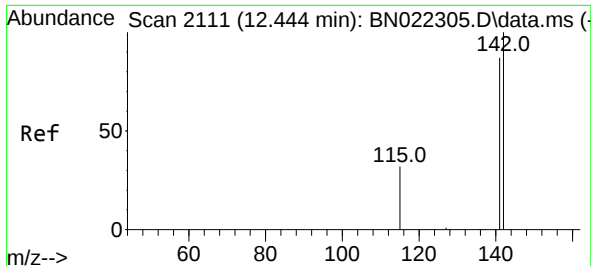
Tgt Ion: 88 Resp: 8407
Ion Ratio Lower Upper
88 100
43 29.0 27.4 41.2
58 68.8 48.2 72.2



#5
Naphthalene
Concen: 0.359 ng/ul
RT: 10.822 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BN022307.D
Acq: 24 Oct 2022 20:51

Tgt Ion: 128 Resp: 13737
Ion Ratio Lower Upper
128 100
129 11.7 9.3 13.9
127 13.6 10.7 16.1

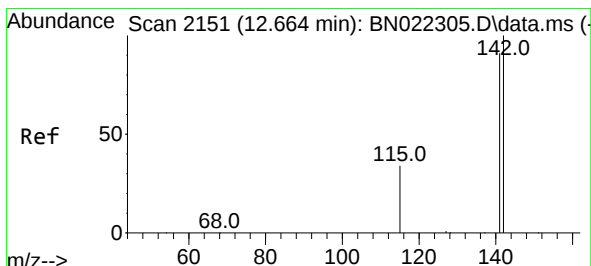
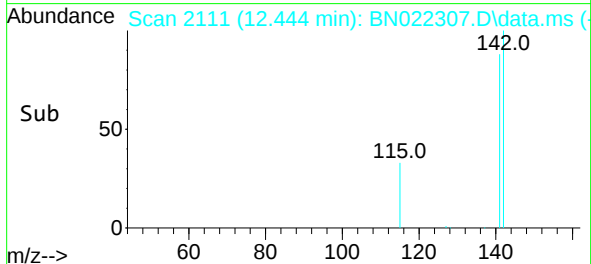
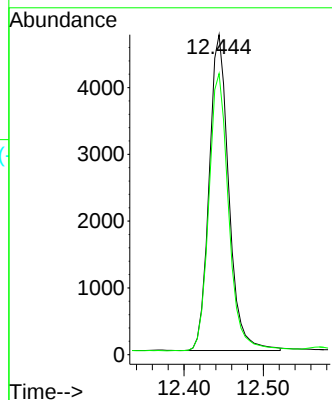
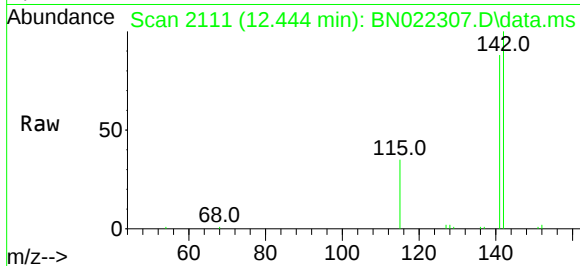




#7
2-Methylnaphthalene
Concen: 0.338 ng/ul
RT: 12.444 min Scan# 2111
Delta R.T. 0.000 min
Lab File: BN022307.D
Acq: 24 Oct 2022 20:51

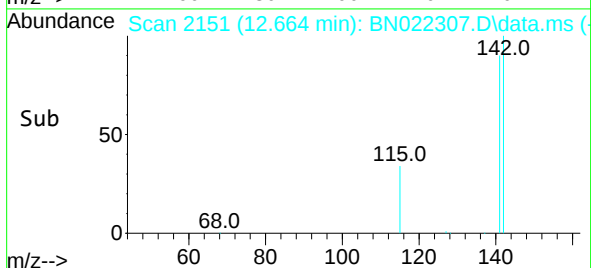
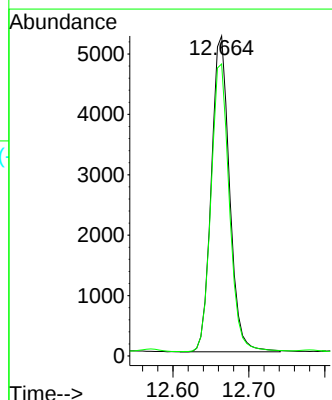
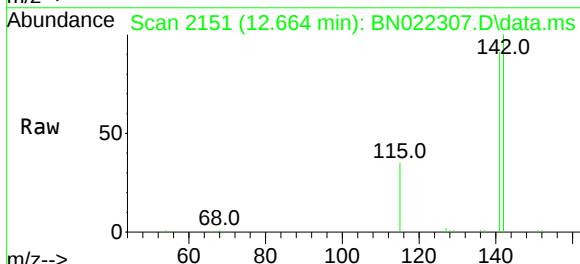
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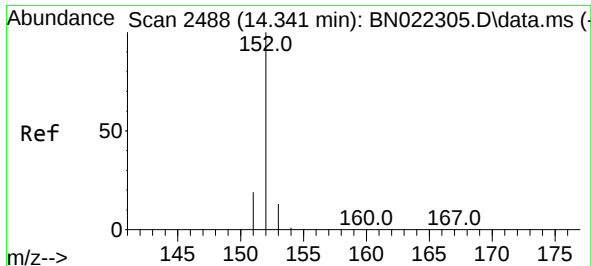
Tgt Ion:142 Resp: 8153
Ion Ratio Lower Upper
142 100
141 88.4 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.351 ng/ul
RT: 12.664 min Scan# 2151
Delta R.T. 0.000 min
Lab File: BN022307.D
Acq: 24 Oct 2022 20:51

Tgt Ion:142 Resp: 8705
Ion Ratio Lower Upper
142 100
141 91.8 73.3 109.9

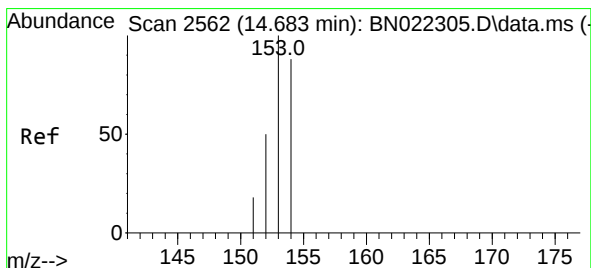
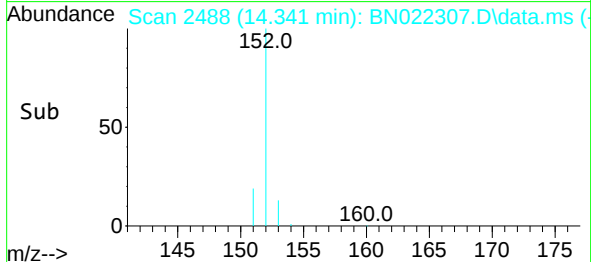
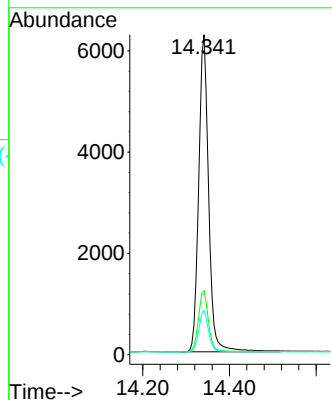
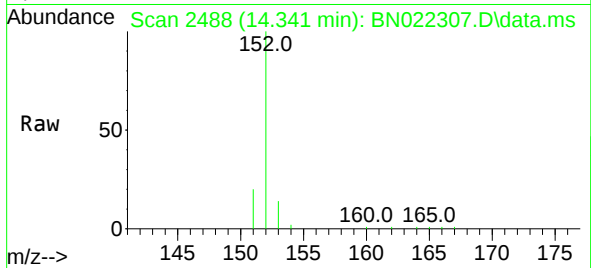




#10
Acenaphthylene
Concen: 0.355 ng/ul
RT: 14.341 min Scan# 2488
Delta R.T. 0.000 min
Lab File: BN022307.D
Acq: 24 Oct 2022 20:51

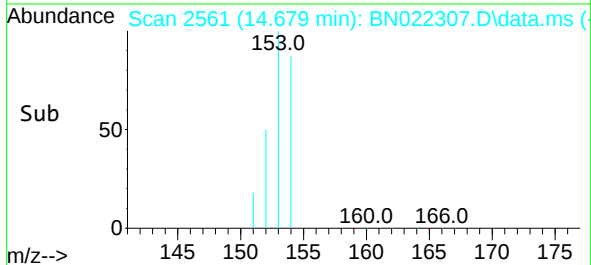
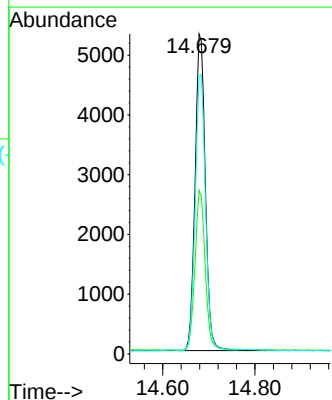
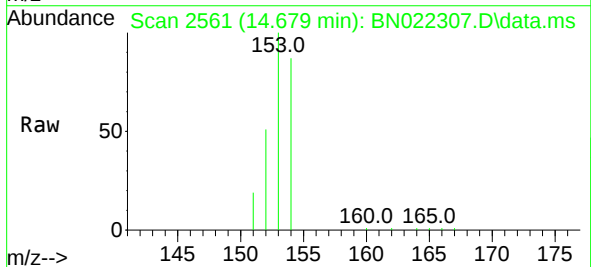
Instrument :
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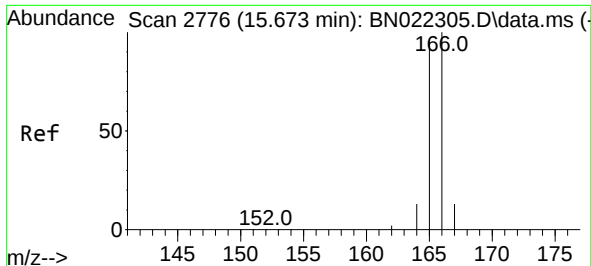
Tgt Ion:152	Resp:	9953
Ion Ratio	Lower	Upper
152	100	
151	19.9	15.9 23.9
153	13.8	10.8 16.2



#11
Acenaphthene
Concen: 0.345 ng/ul
RT: 14.679 min Scan# 2561
Delta R.T. -0.005 min
Lab File: BN022307.D
Acq: 24 Oct 2022 20:51

Tgt Ion:153	Resp:	8159
Ion Ratio	Lower	Upper
153	100	
152	51.1	40.6 61.0
154	86.7	70.6 106.0

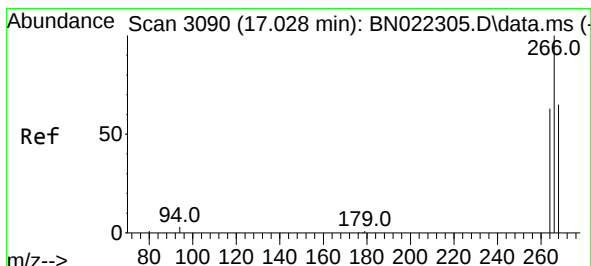
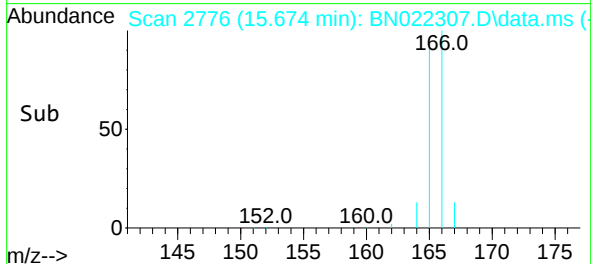
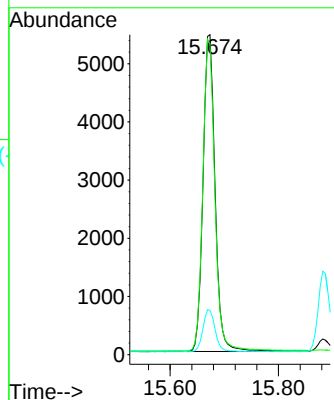
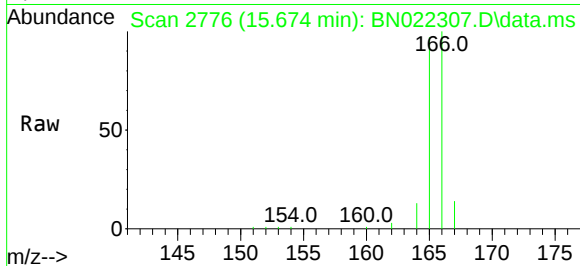




#12
Fluorene
Concen: 0.306 ng/ul
RT: 15.674 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN022307.D
Acq: 24 Oct 2022 20:51

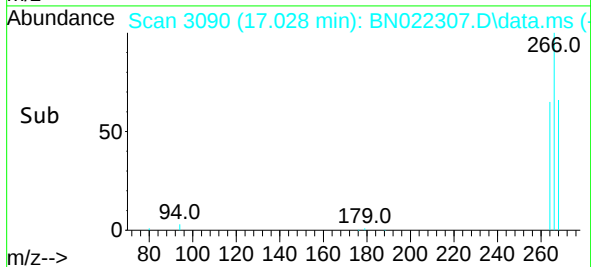
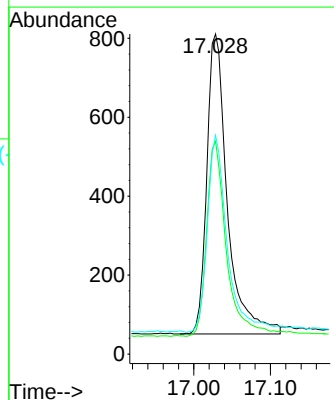
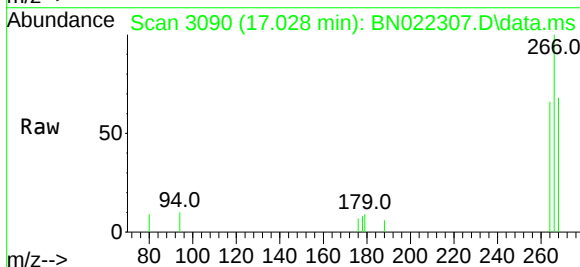
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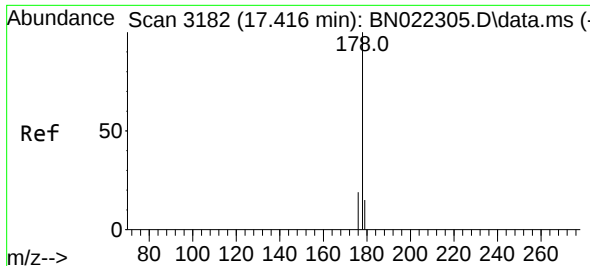
Tgt Ion:166 Resp: 8412
Ion Ratio Lower Upper
166 100
165 97.1 78.2 117.2
167 13.9 11.0 16.4



#14
Pentachlorophenol
Concen: 0.560 ng/ul
RT: 17.028 min Scan# 3090
Delta R.T. 0.000 min
Lab File: BN022307.D
Acq: 24 Oct 2022 20:51

Tgt Ion:266 Resp: 1415
Ion Ratio Lower Upper
266 100
264 62.9 49.8 74.6
268 64.2 51.4 77.2

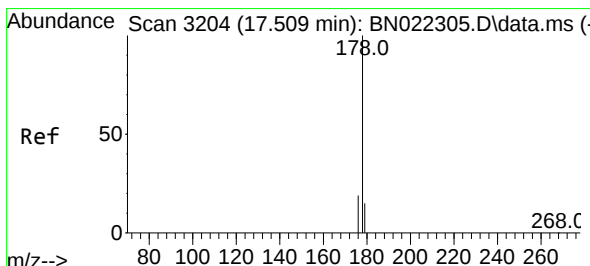
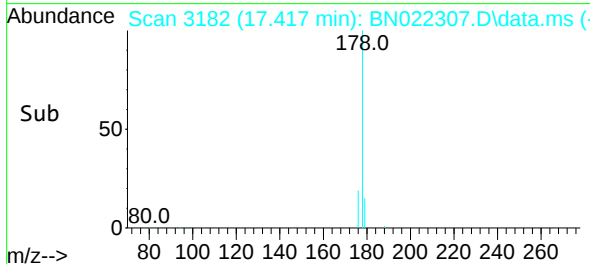
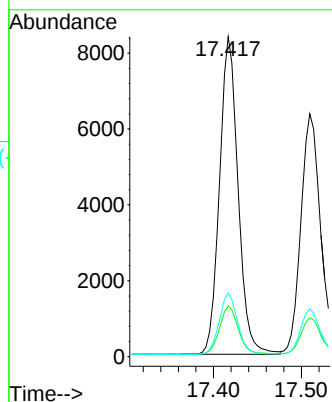
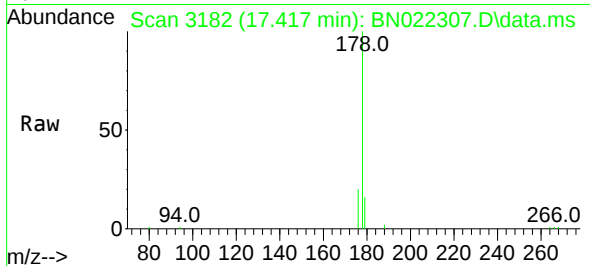




#15
Phenanthrene
Concen: 0.344 ng/ul
RT: 17.417 min Scan# 3182
Delta R.T. 0.000 min
Lab File: BN022307.D
Acq: 24 Oct 2022 20:51

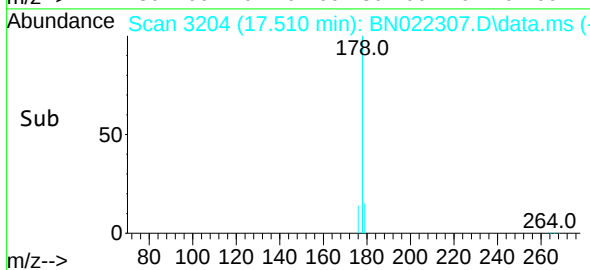
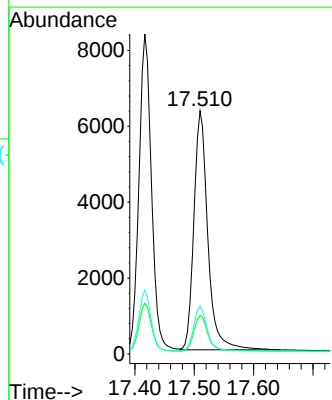
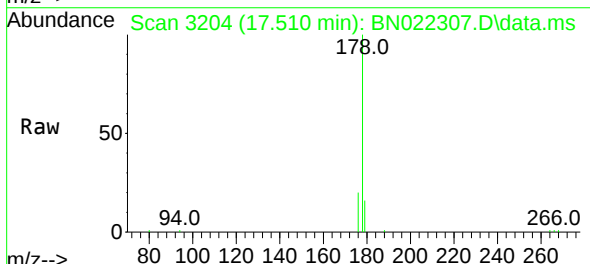
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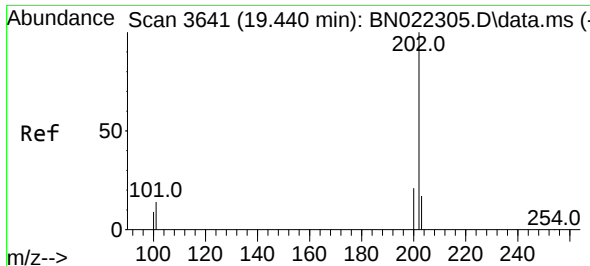
Tgt Ion:178 Resp: 12270
Ion Ratio Lower Upper
178 100
179 15.8 12.7 19.1
176 19.8 15.4 23.2



#16
Anthracene
Concen: 0.340 ng/ul
RT: 17.510 min Scan# 3204
Delta R.T. 0.000 min
Lab File: BN022307.D
Acq: 24 Oct 2022 20:51

Tgt Ion:178 Resp: 10239
Ion Ratio Lower Upper
178 100
179 15.9 12.6 18.8
176 19.6 15.0 22.6

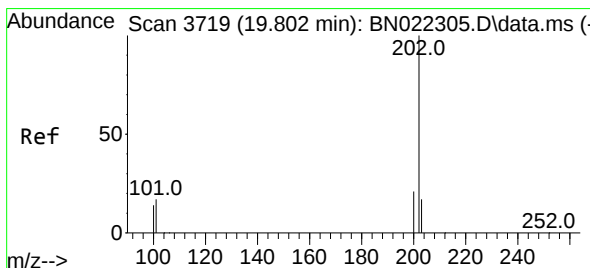
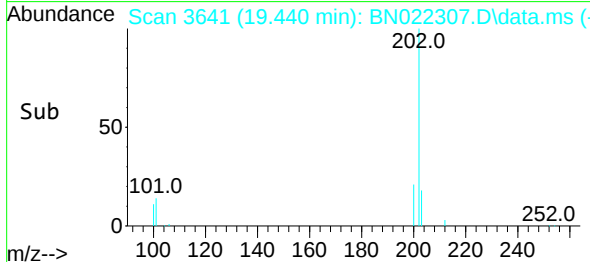
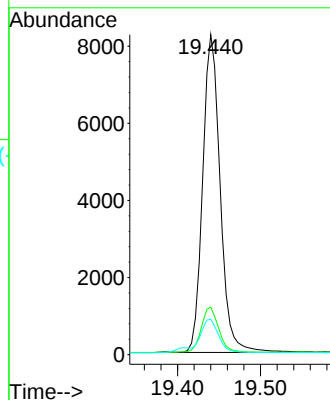
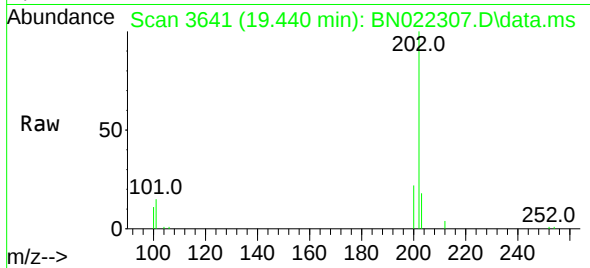




#19
Fluoranthene
Concen: 0.346 ng/ul
RT: 19.440 min Scan# 3641
Delta R.T. 0.000 min
Lab File: BN022307.D
Acq: 24 Oct 2022 20:51

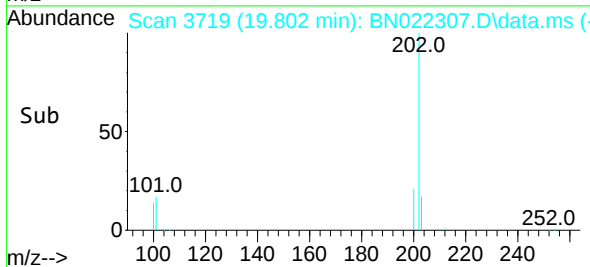
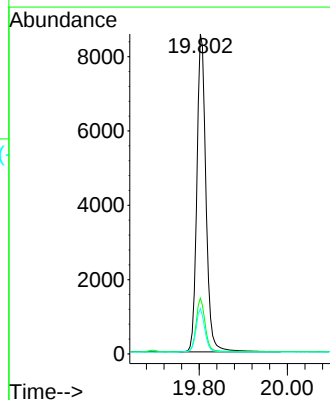
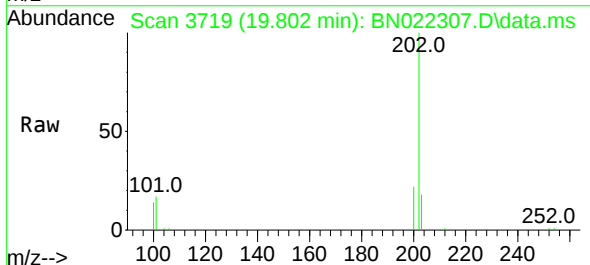
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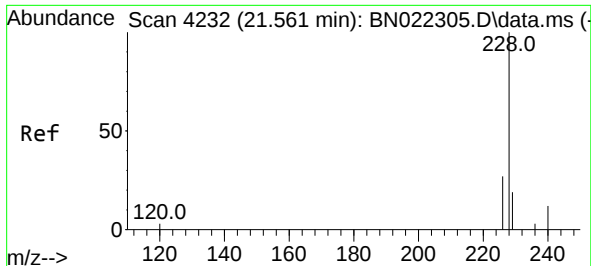
Tgt Ion:202 Resp: 12090
Ion Ratio Lower Upper
202 100
101 14.8 11.8 17.6
100 11.1 8.7 13.1



#20
Pyrene
Concen: 0.350 ng/ul
RT: 19.802 min Scan# 3719
Delta R.T. 0.000 min
Lab File: BN022307.D
Acq: 24 Oct 2022 20:51

Tgt Ion:202 Resp: 12281
Ion Ratio Lower Upper
202 100
101 17.4 13.1 19.7
100 14.2 10.6 16.0

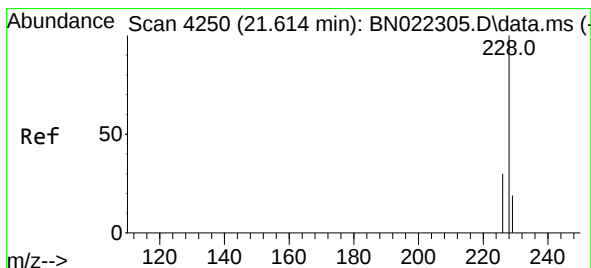
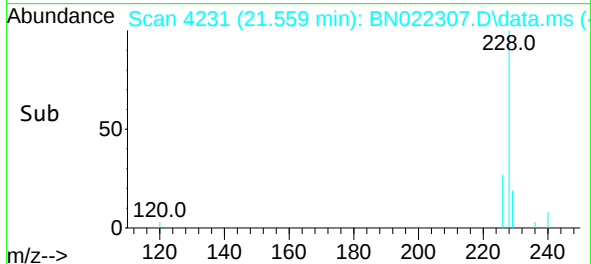
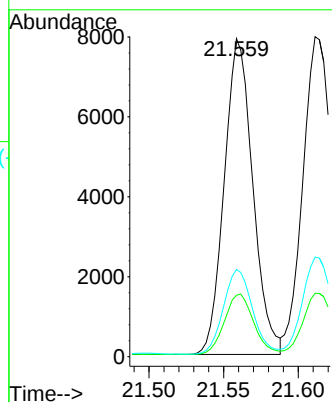
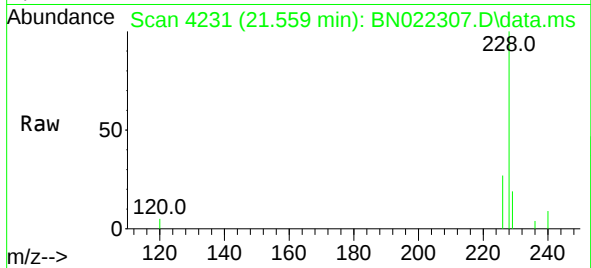




#21
Benzo(a)anthracene
Concen: 0.369 ng/u1
RT: 21.559 min Scan# 41
Delta R.T. 0.000 min
Lab File: BN022307.D
Acq: 24 Oct 2022 20:51

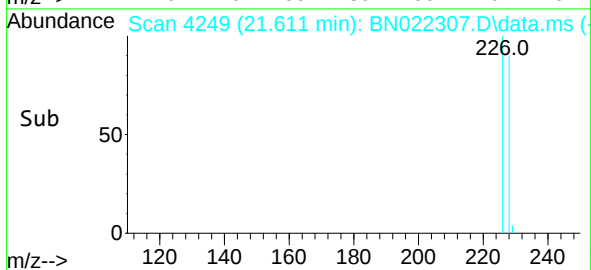
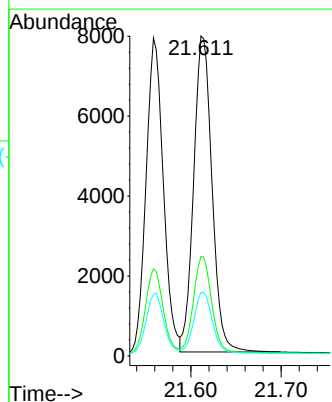
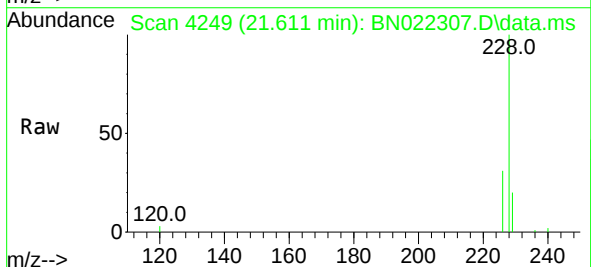
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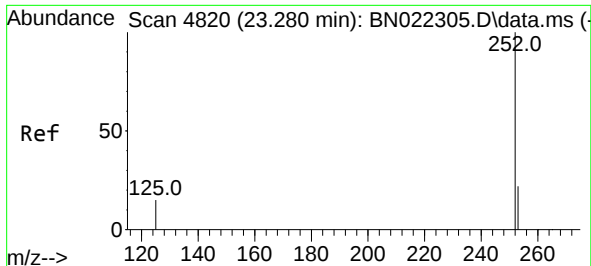
Tgt Ion:228 Resp: 10539
Ion Ratio Lower Upper
228 100
229 19.3 15.7 23.5
226 27.4 21.5 32.3



#22
Chrysene
Concen: 0.368 ng/u1
RT: 21.611 min Scan# 4249
Delta R.T. 0.000 min
Lab File: BN022307.D
Acq: 24 Oct 2022 20:51

Tgt Ion:228 Resp: 11153
Ion Ratio Lower Upper
228 100
226 31.1 23.9 35.9
229 19.8 15.9 23.9

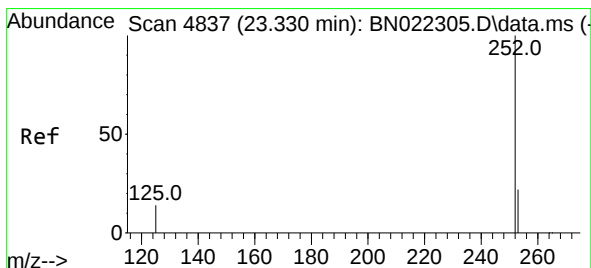
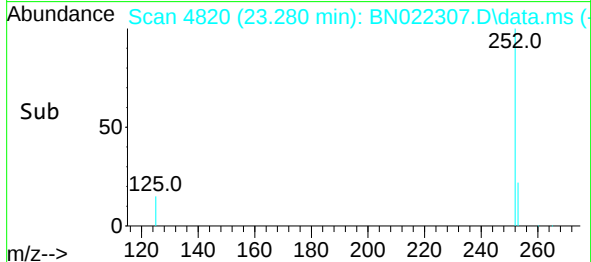
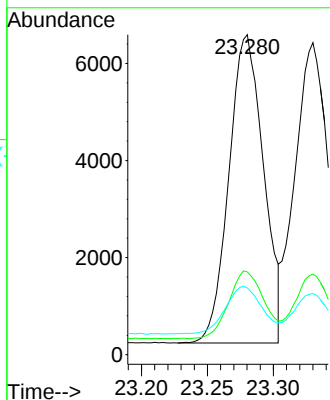
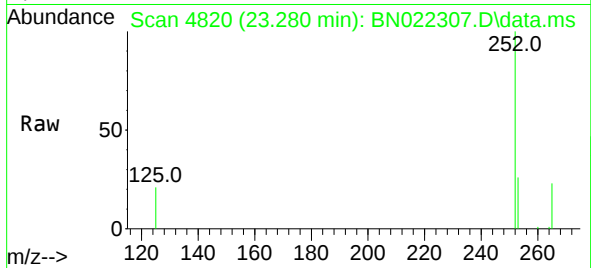




#24
Benzo(b)fluoranthene
Concen: 0.339 ng/ul
RT: 23.280 min Scan# 4820
Delta R.T. 0.003 min
Lab File: BN022307.D
Acq: 24 Oct 2022 20:51

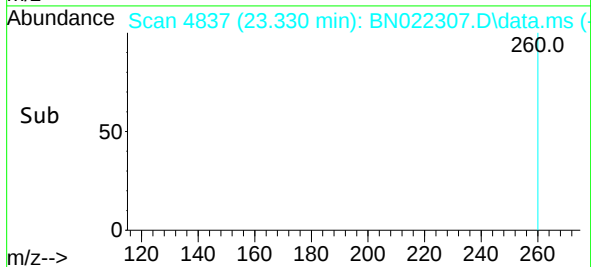
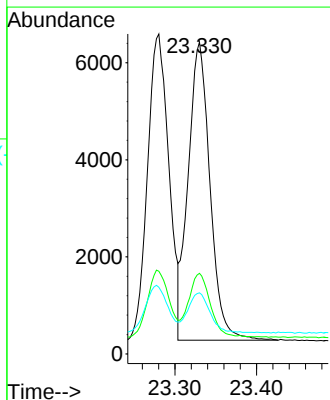
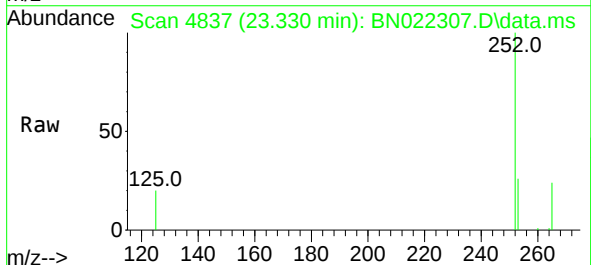
Instrument :
BNA_N
ClientSampleId :
SLCS415

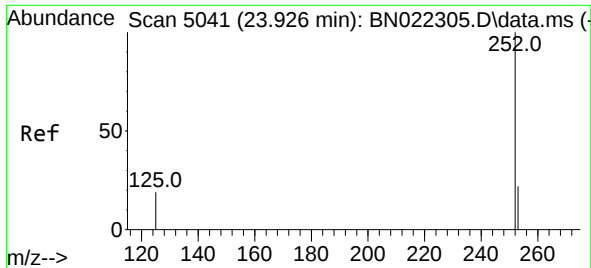
Tgt Ion:252 Resp: 11607
Ion Ratio Lower Upper
252 100
253 25.9 0.0 49.0
125 20.8 0.0 35.2



#25
Benzo(k)fluoranthene
Concen: 0.343 ng/ul
RT: 23.330 min Scan# 4837
Delta R.T. 0.003 min
Lab File: BN022307.D
Acq: 24 Oct 2022 20:51

Tgt Ion:252 Resp: 11431
Ion Ratio Lower Upper
252 100
253 25.9 19.7 29.5
125 19.6 14.0 21.0

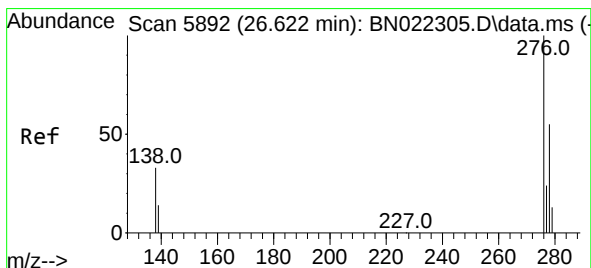
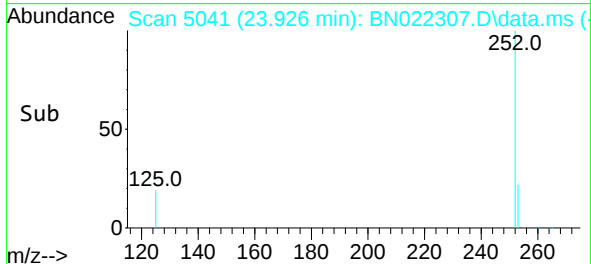
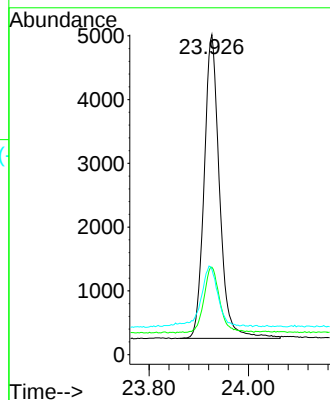
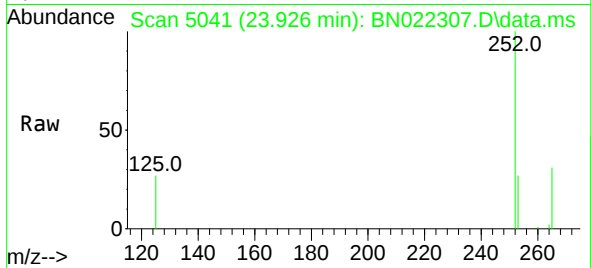




#26
Benzo(a)pyrene
Concen: 0.375 ng/ul
RT: 23.926 min Scan# 5041
Delta R.T. 0.006 min
Lab File: BN022307.D
Acq: 24 Oct 2022 20:51

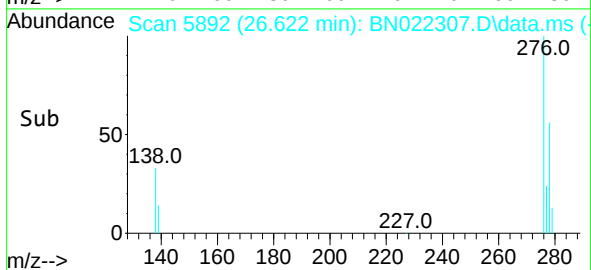
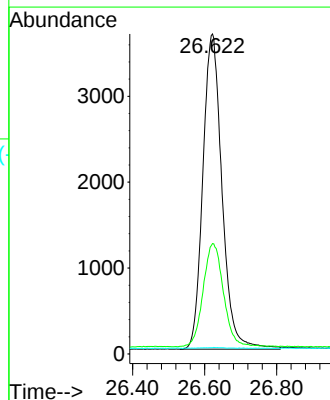
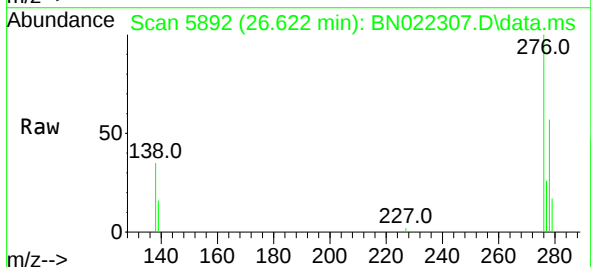
Instrument :
BNA_N
ClientSampleId :
SLCS415

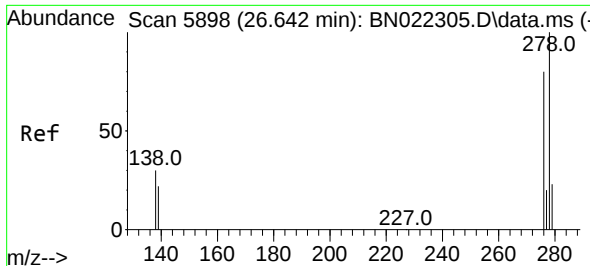
Tgt Ion:252 Resp: 10241
Ion Ratio Lower Upper
252 100
253 27.3 21.0 31.6
125 26.6 17.9 26.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.399 ng/ul
RT: 26.622 min Scan# 5892
Delta R.T. 0.007 min
Lab File: BN022307.D
Acq: 24 Oct 2022 20:51

Tgt Ion:276 Resp: 13559
Ion Ratio Lower Upper
276 100
138 34.7 27.7 41.5
227 0.3 0.2 0.2





#28

Dibenzo(a,h)anthracene

Concen: 0.392 ng/ul

RT: 26.642 min Scan# 5898

Delta R.T. 0.003 min

Lab File: BN022307.D

Acq: 24 Oct 2022 20:51

Instrument :

BNA_N

ClientSampleId :

SLCS415

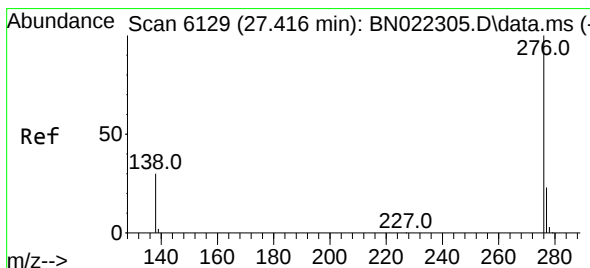
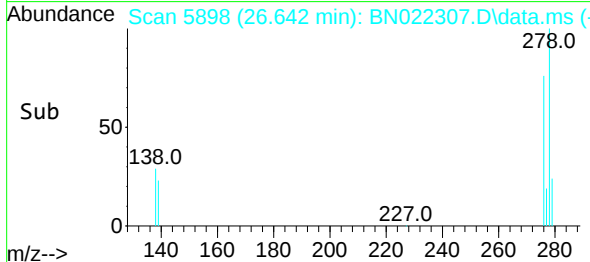
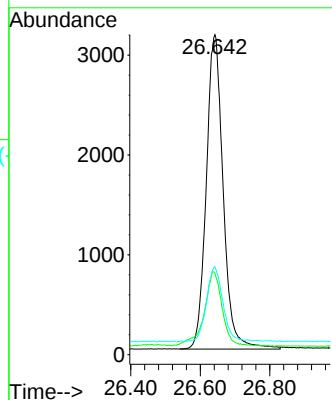
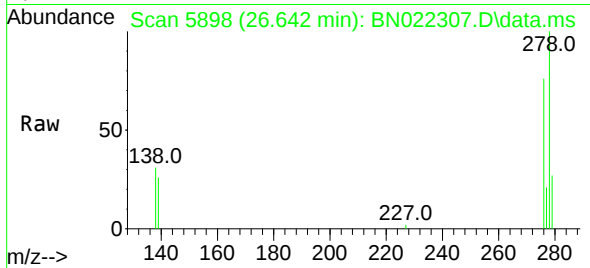
Tgt Ion:278 Resp: 10650

Ion Ratio Lower Upper

278 100

139 25.5 19.6 29.4

279 27.5 20.6 30.8



#29

Benzo(g,h,i)perylene

Concen: 0.405 ng/ul

RT: 27.413 min Scan# 6128

Delta R.T. 0.003 min

Lab File: BN022307.D

Acq: 24 Oct 2022 20:51

Tgt Ion:276 Resp: 11201

Ion Ratio Lower Upper

276 100

138 32.6 25.2 37.8

277 25.2 19.9 29.9

