

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102422\
 Data File : BN022291.D
 Acq On : 24 Oct 2022 09:50
 Operator : CG/JU
 Sample : PB148427BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS427

Quant Time: Oct 25 04:06:25 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)

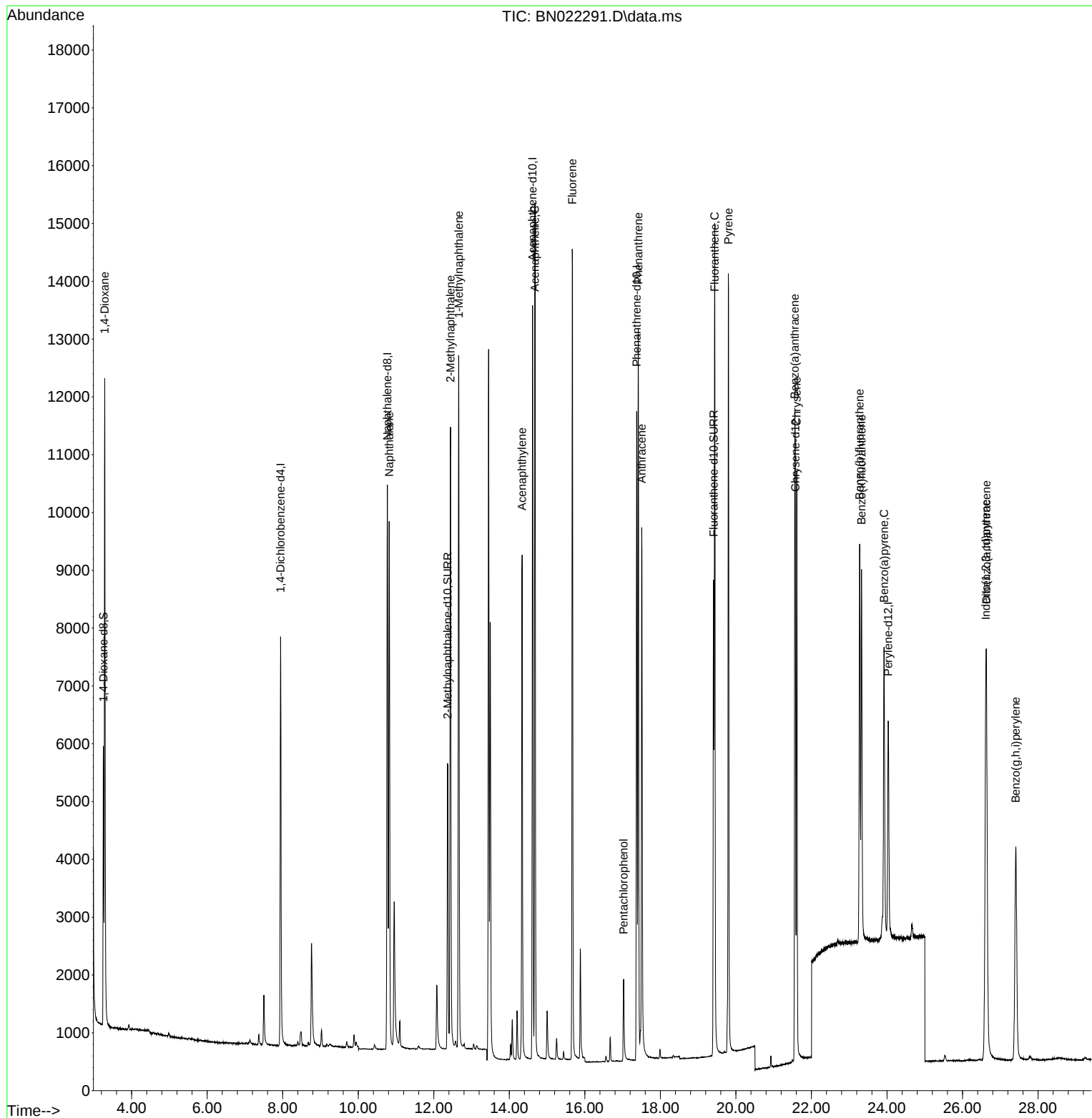
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.944	152	3968	0.400	ng/ul	0.00
4) Naphthalene-d8	10.771	136	13637	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.617	164	7331	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.373	188	13000	0.400	ng/ul	0.00
17) Chrysene-d12	21.576	240	6982	0.400	ng/ul	0.00
23) Perylene-d12	24.031	264	5732	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.253	96	3058	0.593	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.366	152	7137	0.346	ng/ul	0.00
18) Fluoranthene-d10	19.410	212	9331	0.398	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.287	88	7620	1.439	ng/ul	88
5) Naphthalene	10.820	128	13071	0.324	ng/ul	100
7) 2-Methylnaphthalene	12.443	142	8251	0.325	ng/ul	99
8) 1-Methylnaphthalene	12.663	142	8859	0.339	ng/ul	100
10) Acenaphthylene	14.340	152	10570	0.321	ng/ul	100
11) Acenaphthene	14.677	153	8856	0.319	ng/ul	99
12) Fluorene	15.667	166	9388	0.291	ng/ul	98
14) Pentachlorophenol	17.027	266	1133	0.367	ng/ul	99
15) Phenanthrene	17.415	178	13664	0.313	ng/ul	99
16) Anthracene	17.508	178	11209	0.305	ng/ul	99
19) Fluoranthene	19.438	202	12177	0.381	ng/ul	99
20) Pyrene	19.805	202	11929	0.371	ng/ul	99
21) Benzo(a)anthracene	21.558	228	8649	0.331	ng/ul	99
22) Chrysene	21.611	228	9309	0.336	ng/ul	98
24) Benzo(b)fluoranthene	23.277	252	9357	0.325	ng/ul	92
25) Benzo(k)fluoranthene	23.327	252	8848	0.316	ng/ul#	93
26) Benzo(a)pyrene	23.923	252	7933	0.346	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.618	276	10303	0.361	ng/ul	100
28) Dibenzo(a,h)anthracene	26.632	278	8066	0.354	ng/ul	97
29) Benzo(g,h,i)perylene	27.413	276	8614	0.371	ng/ul	99

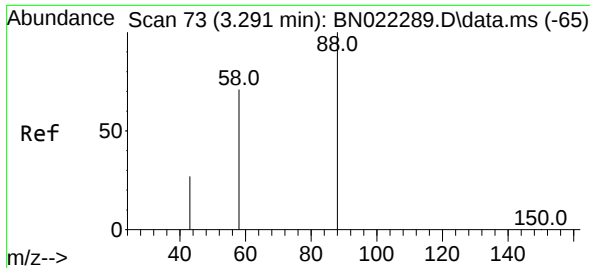
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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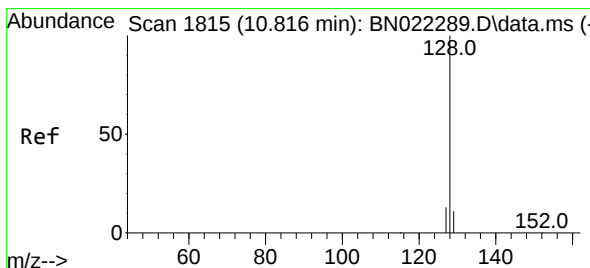
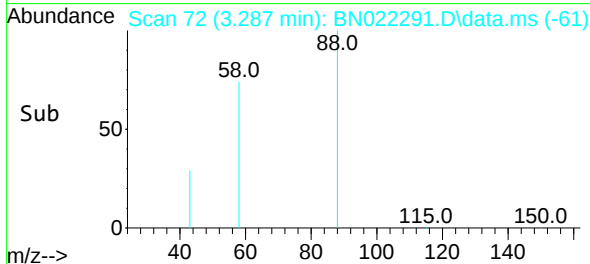
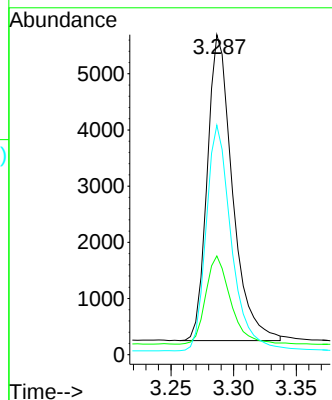
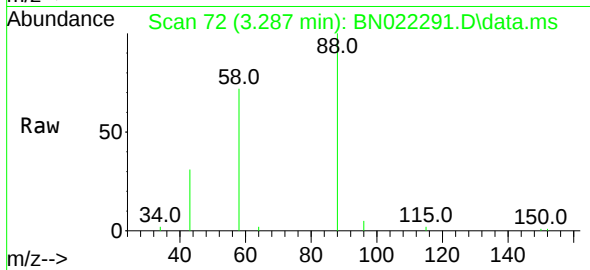




#2
 1,4-Dioxane
 Concen: 1.439 ng/ul
 RT: 3.287 min Scan# 71
 Delta R.T. -0.004 min
 Lab File: BN022291.D
 Acq: 24 Oct 2022 09:50

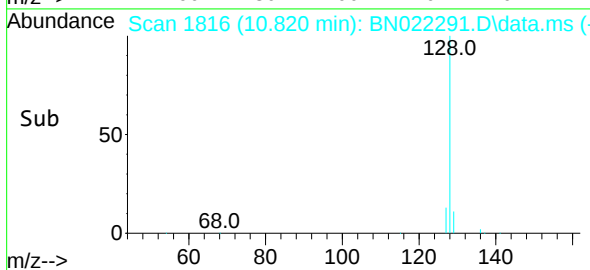
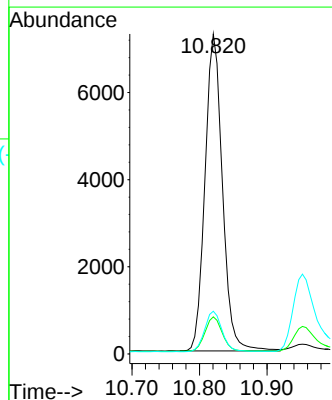
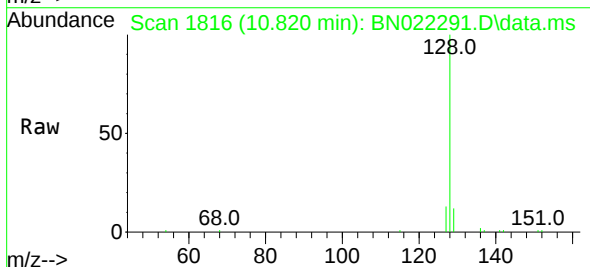
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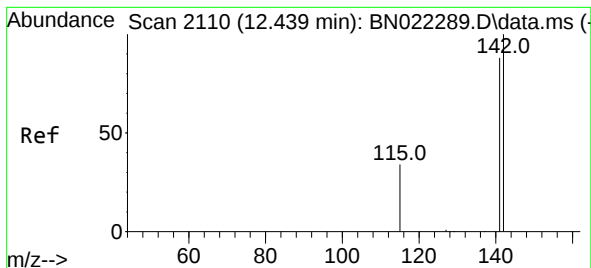
Tgt Ion: 88 Resp: 7620
 Ion Ratio Lower Upper
 88 100
 43 30.9 27.4 41.2
 58 71.7 48.2 72.2



#5
 Naphthalene
 Concen: 0.324 ng/ul
 RT: 10.820 min Scan# 1816
 Delta R.T. -0.001 min
 Lab File: BN022291.D
 Acq: 24 Oct 2022 09:50

Tgt Ion: 128 Resp: 13071
 Ion Ratio Lower Upper
 128 100
 129 11.6 9.3 13.9
 127 13.3 10.7 16.1

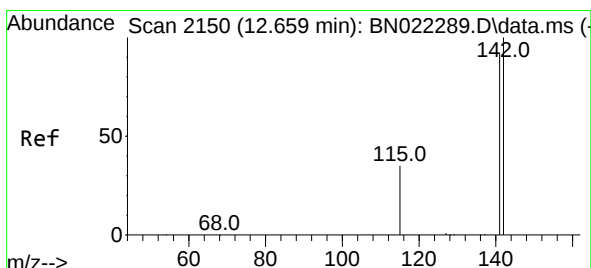
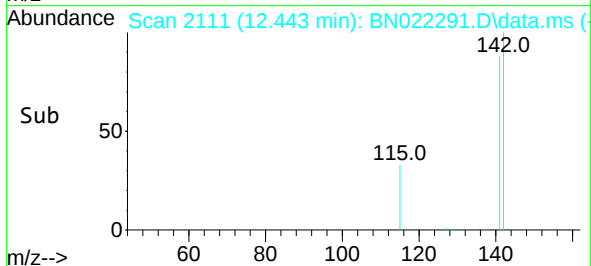
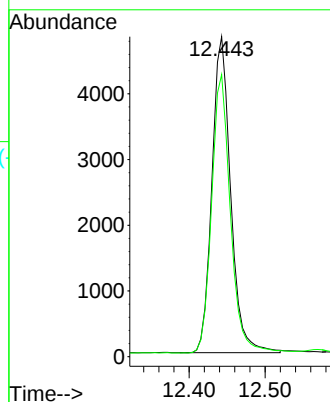
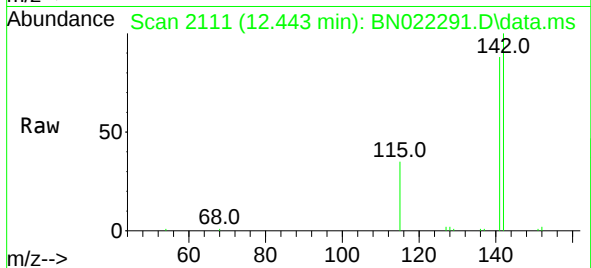




#7
2-Methylnaphthalene
Concen: 0.325 ng/ul
RT: 12.443 min Scan# 2111
Delta R.T. -0.001 min
Lab File: BN022291.D
Acq: 24 Oct 2022 09:50

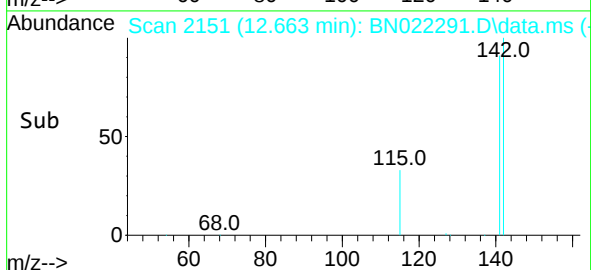
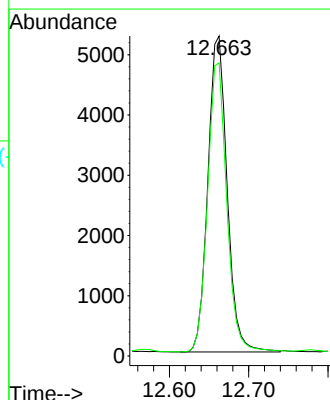
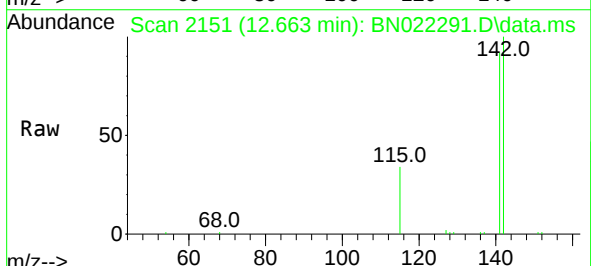
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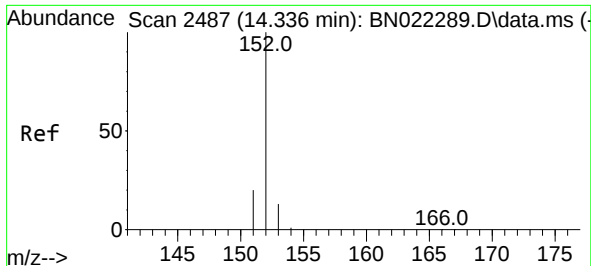
Tgt Ion:142 Resp: 8251
Ion Ratio Lower Upper
142 100
141 88.0 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.339 ng/ul
RT: 12.663 min Scan# 2151
Delta R.T. -0.001 min
Lab File: BN022291.D
Acq: 24 Oct 2022 09:50

Tgt Ion:142 Resp: 8859
Ion Ratio Lower Upper
142 100
141 91.4 73.3 109.9

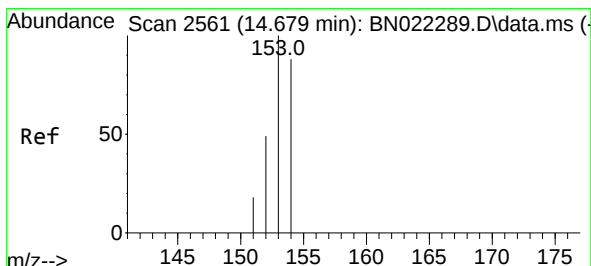
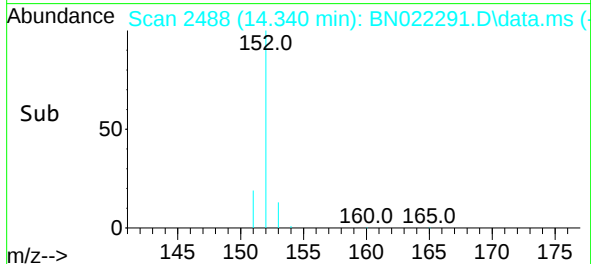
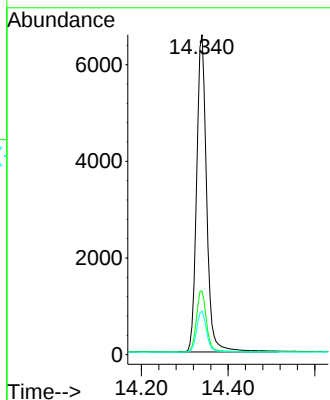
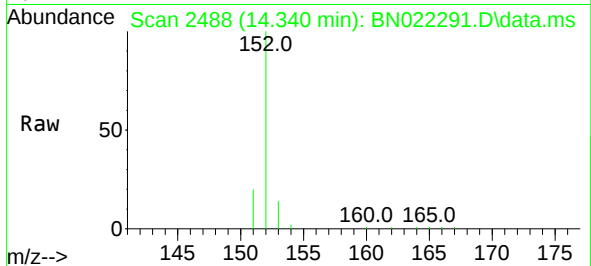




#10
Acenaphthylene
Concen: 0.321 ng/ul
RT: 14.340 min Scan# 2488
Delta R.T. -0.001 min
Lab File: BN022291.D
Acq: 24 Oct 2022 09:50

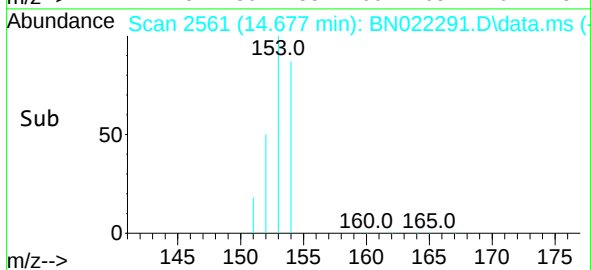
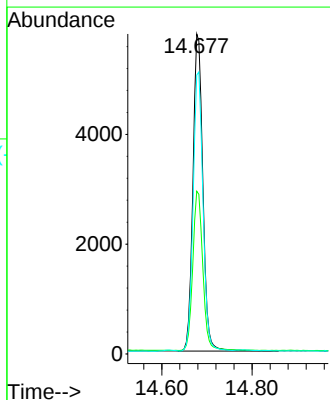
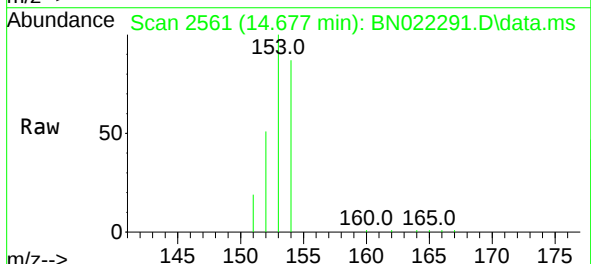
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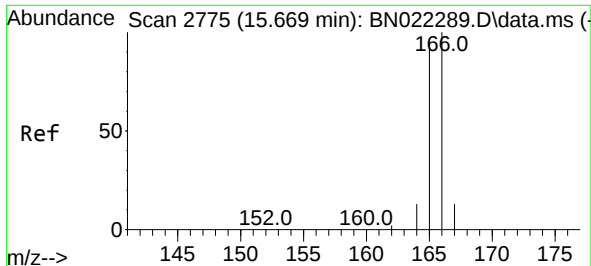
Tgt Ion:152 Resp: 10570
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 13.5 10.8 16.2



#11
Acenaphthene
Concen: 0.319 ng/ul
RT: 14.677 min Scan# 2561
Delta R.T. -0.006 min
Lab File: BN022291.D
Acq: 24 Oct 2022 09:50

Tgt Ion:153 Resp: 8856
Ion Ratio Lower Upper
153 100
152 50.9 40.6 61.0
154 87.1 70.6 106.0

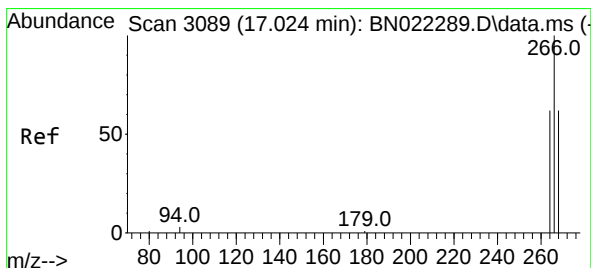
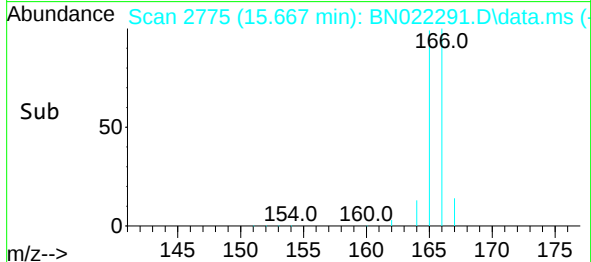
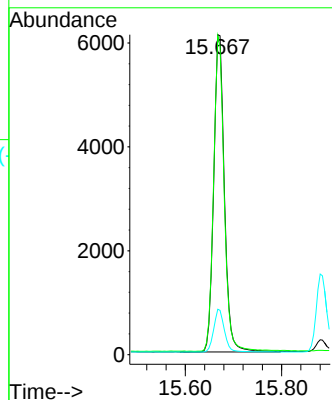
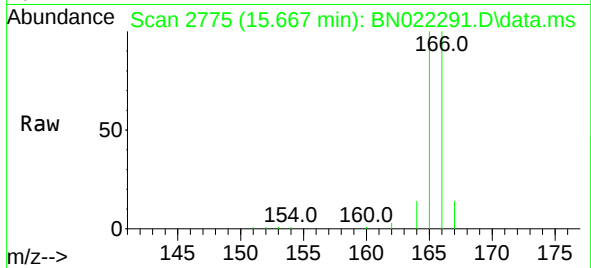




#12
Fluorene
Concen: 0.291 ng/ul
RT: 15.667 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN022291.D
Acq: 24 Oct 2022 09:50

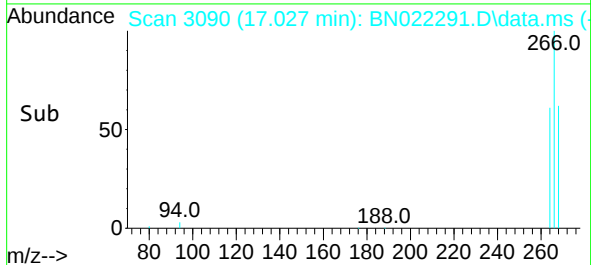
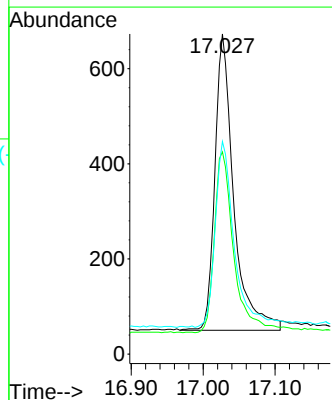
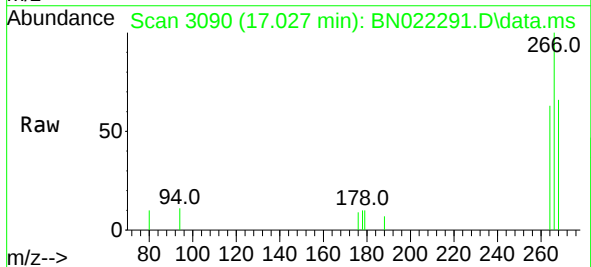
Instrument :
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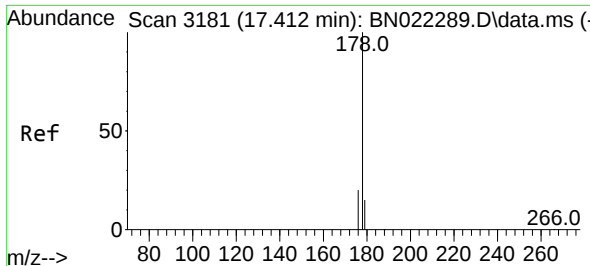
Tgt Ion:166 Resp: 9388
Ion Ratio Lower Upper
166 100
165 99.6 78.2 117.2
167 14.2 11.0 16.4



#14
Pentachlorophenol
Concen: 0.367 ng/ul
RT: 17.027 min Scan# 3090
Delta R.T. -0.001 min
Lab File: BN022291.D
Acq: 24 Oct 2022 09:50

Tgt Ion:266 Resp: 1133
Ion Ratio Lower Upper
266 100
264 62.8 49.8 74.6
268 63.6 51.4 77.2

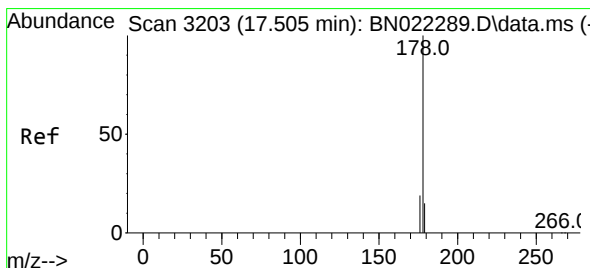
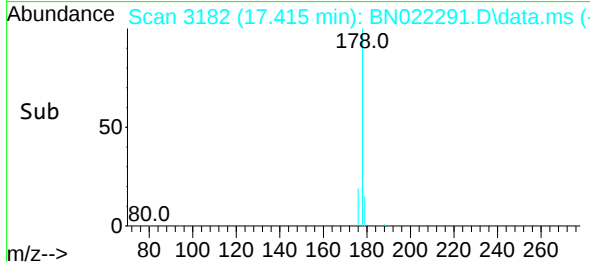
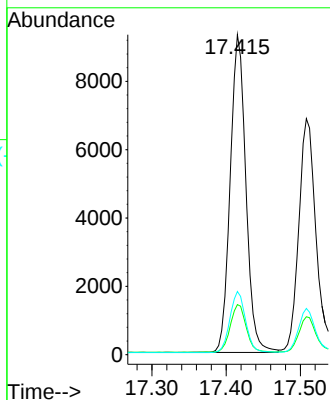
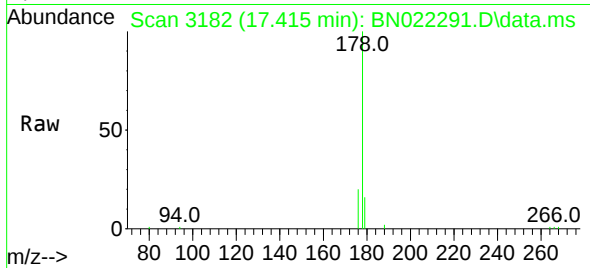




#15
Phenanthrene
Concen: 0.313 ng/ul
RT: 17.415 min Scan# 3181
Delta R.T. -0.001 min
Lab File: BN022291.D
Acq: 24 Oct 2022 09:50

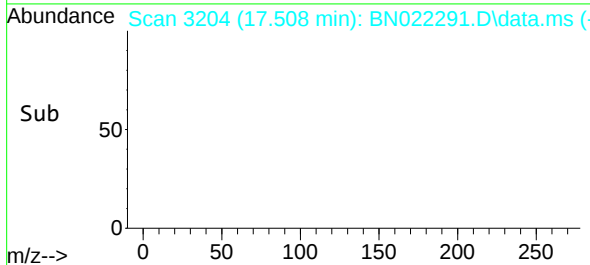
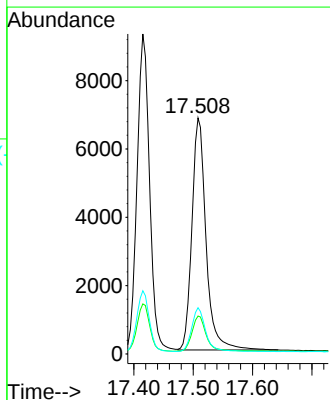
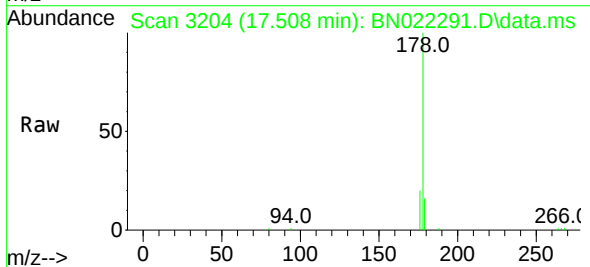
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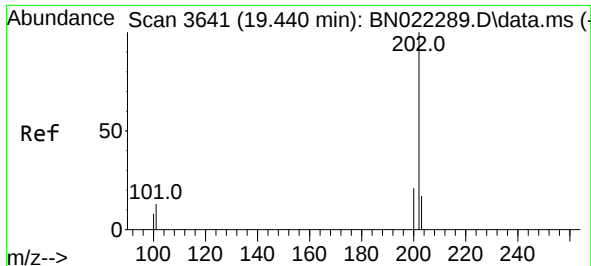
Tgt Ion:178 Resp: 13664
Ion Ratio Lower Upper
178 100
179 15.7 12.7 19.1
176 19.8 15.4 23.2



#16
Anthracene
Concen: 0.305 ng/ul
RT: 17.508 min Scan# 3204
Delta R.T. -0.001 min
Lab File: BN022291.D
Acq: 24 Oct 2022 09:50

Tgt Ion:178 Resp: 11209
Ion Ratio Lower Upper
178 100
179 16.1 12.6 18.8
176 19.6 15.0 22.6

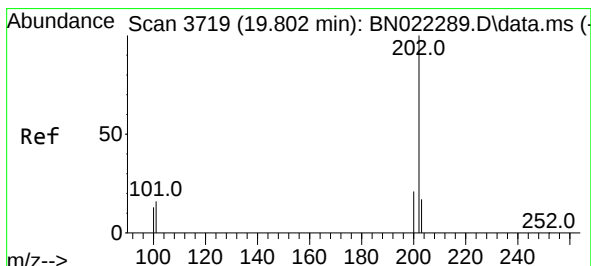
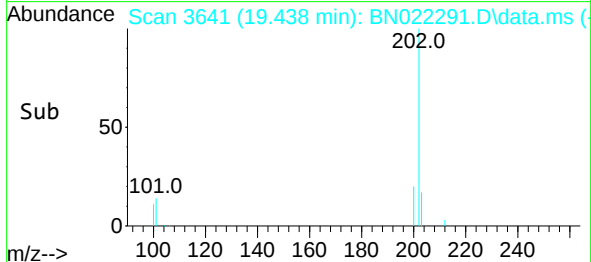
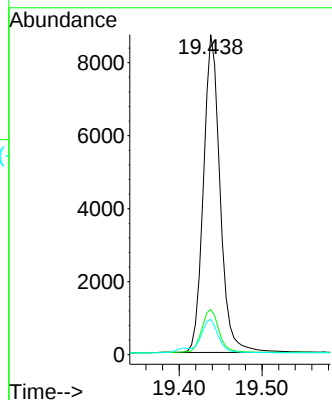
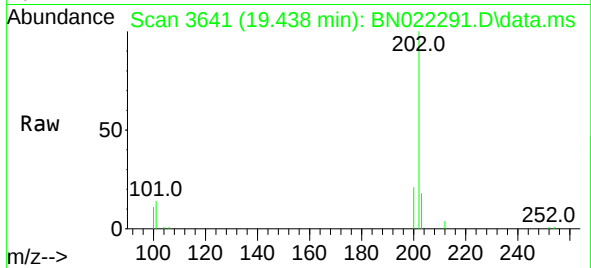




#19
Fluoranthene
Concen: 0.381 ng/ul
RT: 19.438 min Scan# 3641
Delta R.T. -0.002 min
Lab File: BN022291.D
Acq: 24 Oct 2022 09:50

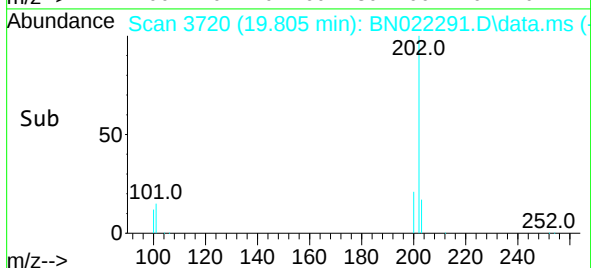
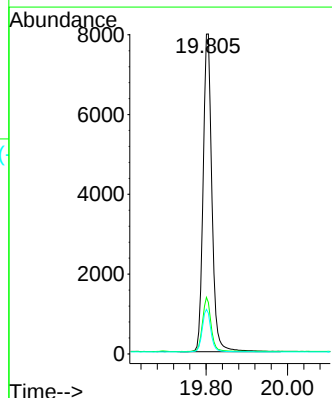
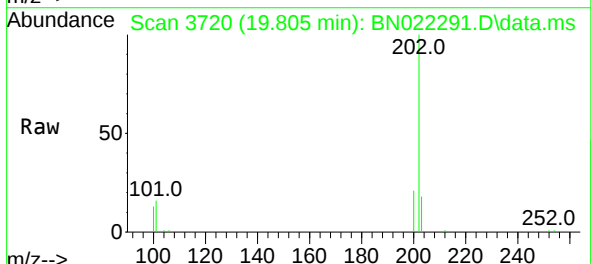
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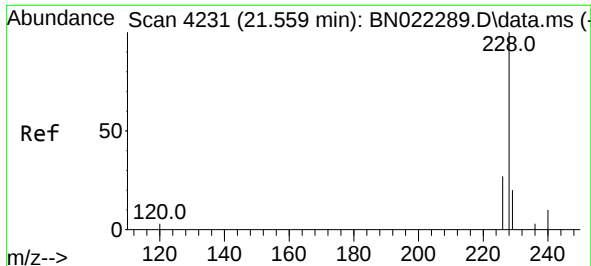
Tgt Ion:202 Resp: 12177
Ion Ratio Lower Upper
202 100
101 14.1 11.8 17.6
100 11.0 8.7 13.1



#20
Pyrene
Concen: 0.371 ng/ul
RT: 19.805 min Scan# 3720
Delta R.T. 0.003 min
Lab File: BN022291.D
Acq: 24 Oct 2022 09:50

Tgt Ion:202 Resp: 11929
Ion Ratio Lower Upper
202 100
101 16.1 13.1 19.7
100 12.7 10.6 16.0

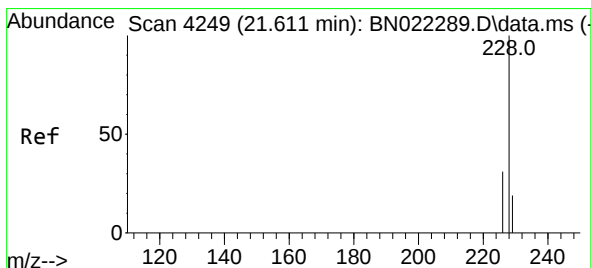
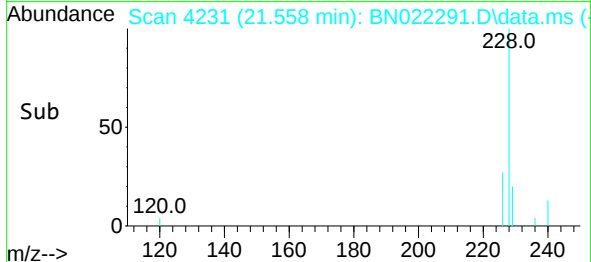
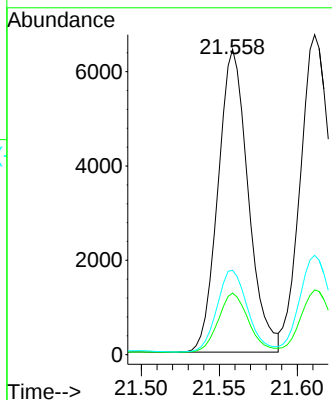
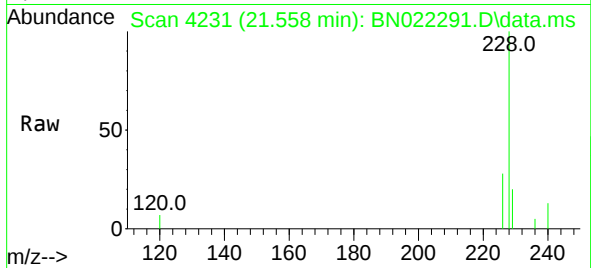




#21
Benzo(a)anthracene
Concen: 0.331 ng/ul
RT: 21.558 min Scan# 4231
Delta R.T. -0.000 min
Lab File: BN022291.D
Acq: 24 Oct 2022 09:50

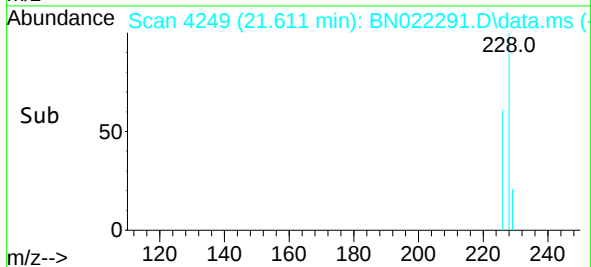
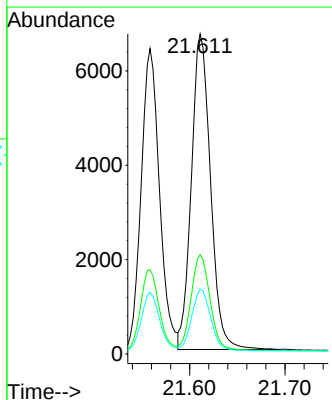
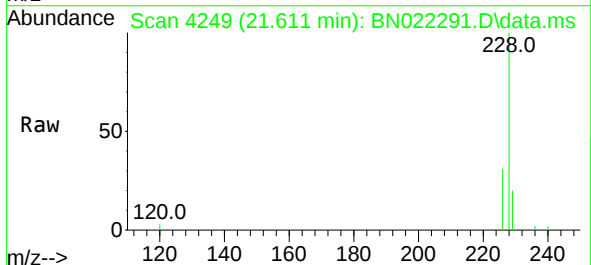
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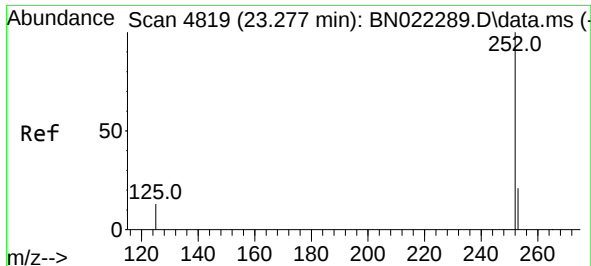
Tgt Ion:228 Resp: 8649
Ion Ratio Lower Upper
228 100
229 20.2 15.7 23.5
226 27.6 21.5 32.3



#22
Chrysene
Concen: 0.336 ng/ul
RT: 21.611 min Scan# 4249
Delta R.T. -0.000 min
Lab File: BN022291.D
Acq: 24 Oct 2022 09:50

Tgt Ion:228 Resp: 9309
Ion Ratio Lower Upper
228 100
226 31.0 23.9 35.9
229 20.3 15.9 23.9

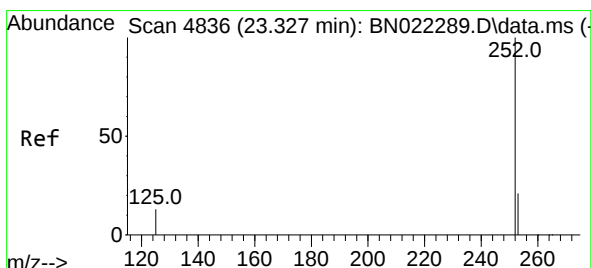
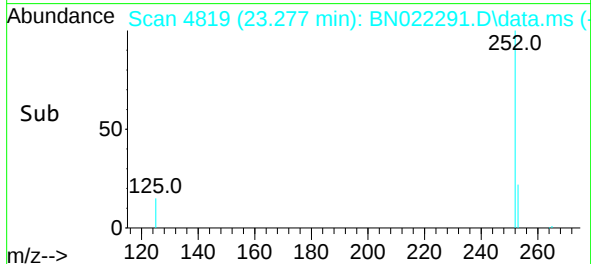
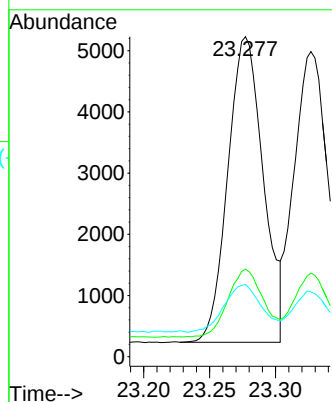
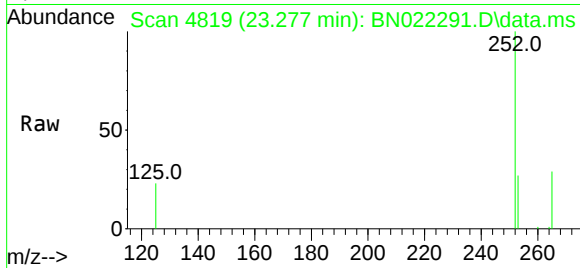




#24
Benzo(b)fluoranthene
Concen: 0.325 ng/ul
RT: 23.277 min Scan# 4819
Delta R.T. -0.000 min
Lab File: BN022291.D
Acq: 24 Oct 2022 09:50

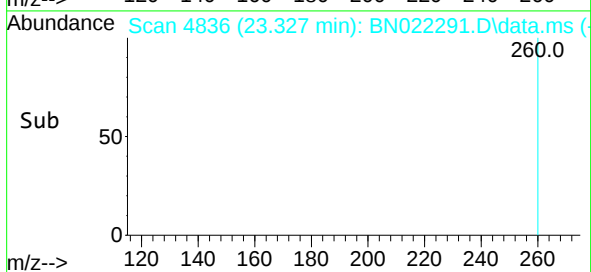
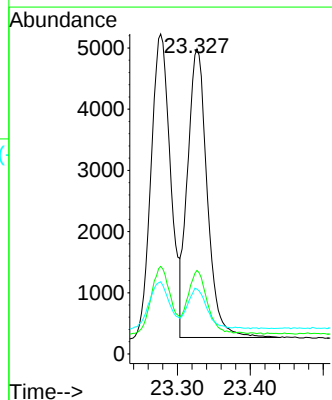
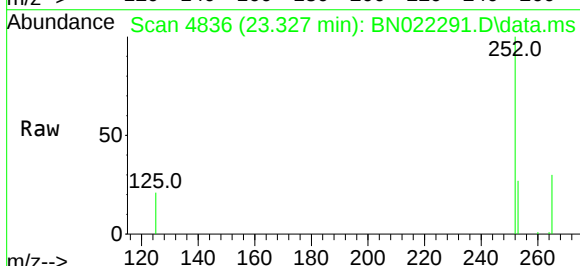
Instrument :
BNA_N
ClientSampleId :
SLCS427

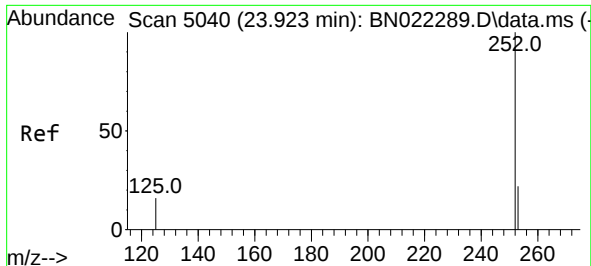
Tgt Ion:252 Resp: 9357
Ion Ratio Lower Upper
252 100
253 27.4 0.0 49.0
125 22.6 0.0 35.2



#25
Benzo(k)fluoranthene
Concen: 0.316 ng/ul
RT: 23.327 min Scan# 4836
Delta R.T. -0.000 min
Lab File: BN022291.D
Acq: 24 Oct 2022 09:50

Tgt Ion:252 Resp: 8848
Ion Ratio Lower Upper
252 100
253 27.4 19.7 29.5
125 21.2 14.0 21.0#

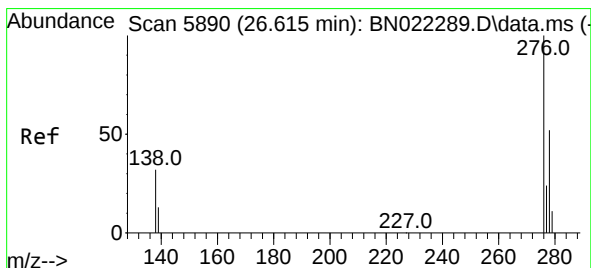
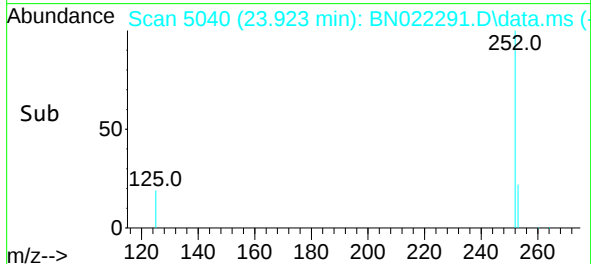
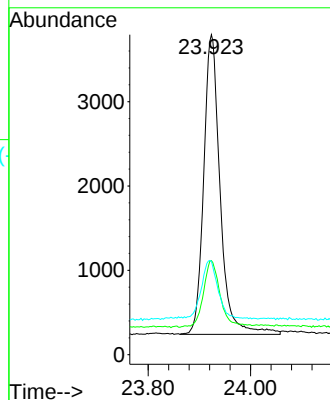
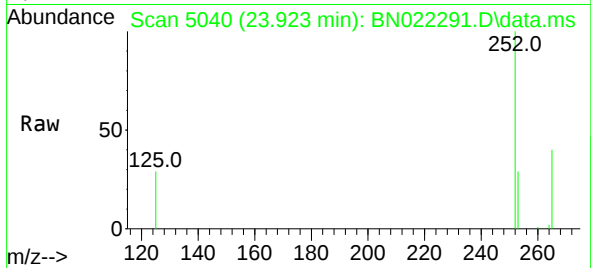




#26
Benzo(a)pyrene
Concen: 0.346 ng/ul
RT: 23.923 min Scan# 5040
Delta R.T. 0.003 min
Lab File: BN022291.D
Acq: 24 Oct 2022 09:50

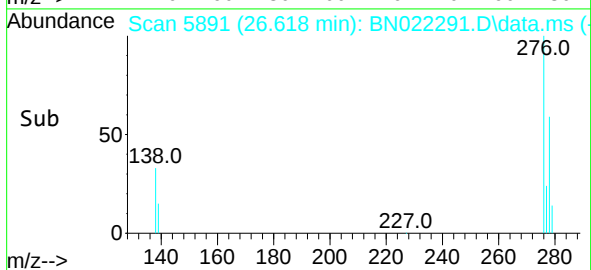
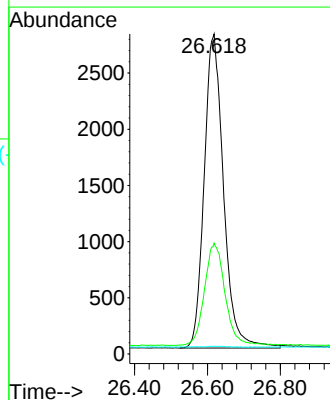
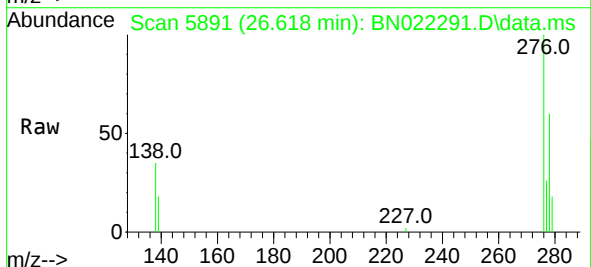
Instrument :
BNA_N
ClientSampleId :
SLCS427

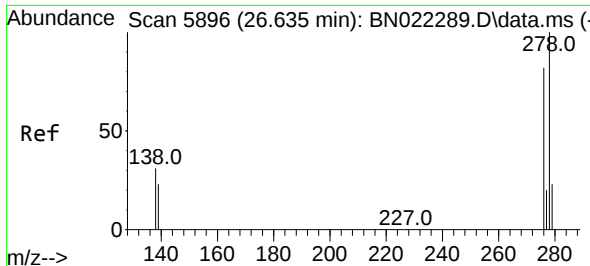
Tgt Ion:252 Resp: 7933
Ion Ratio Lower Upper
252 100
253 29.4 21.0 31.6
125 29.3 17.9 26.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.361 ng/ul
RT: 26.618 min Scan# 5891
Delta R.T. 0.003 min
Lab File: BN022291.D
Acq: 24 Oct 2022 09:50

Tgt Ion:276 Resp: 10303
Ion Ratio Lower Upper
276 100
138 34.6 27.7 41.5
227 0.2 0.2 0.2

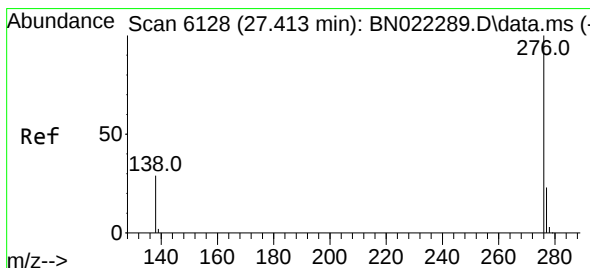
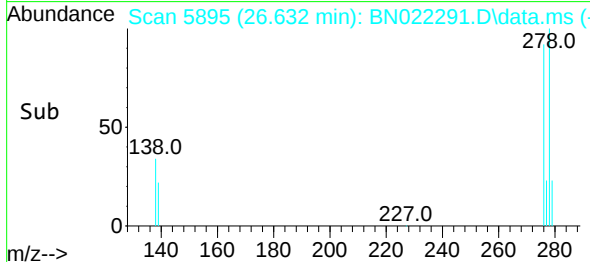
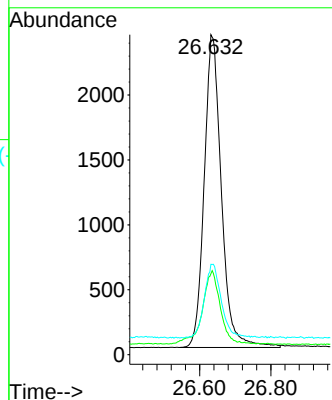
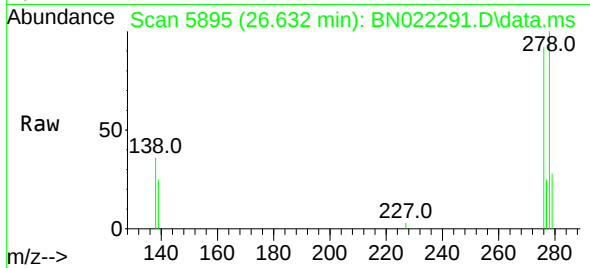




#28
Dibenzo(a,h)anthracene
Concen: 0.354 ng/ul
RT: 26.632 min Scan# 5895
Delta R.T. -0.007 min
Lab File: BN022291.D
Acq: 24 Oct 2022 09:50

Instrument :
BNA_N
ClientSampleId :
SLCS427

Tgt Ion:278 Resp: 8066
Ion Ratio Lower Upper
278 100
139 25.3 19.6 29.4
279 28.2 20.6 30.8



#29
Benzo(g,h,i)perylene
Concen: 0.371 ng/ul
RT: 27.413 min Scan# 6128
Delta R.T. 0.003 min
Lab File: BN022291.D
Acq: 24 Oct 2022 09:50

Tgt Ion:276 Resp: 8614
Ion Ratio Lower Upper
276 100
138 31.2 25.2 37.8
277 25.5 19.9 29.9

