

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062022\
 Data File : BN020296.D
 Acq On : 21 Jun 2022 02:18
 Operator : CG/JU
 Sample : PB145553BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS553

Quant Time: Jun 21 03:56:30 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN061822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 20 01:13:51 2022
 Response via : Initial Calibration

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

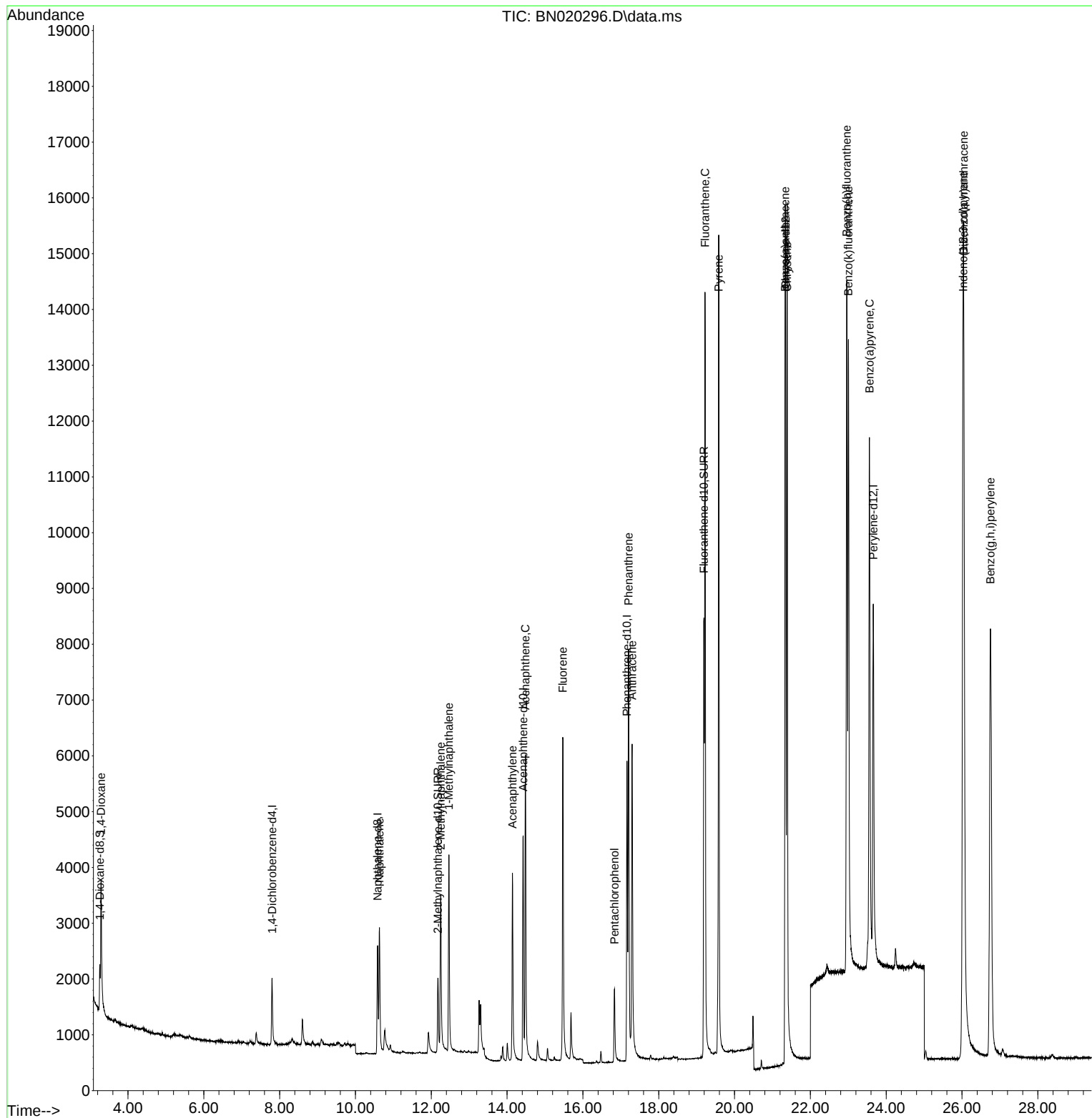
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.800	152	788	0.400	ng/ul	0.00
4) Naphthalene-d8	10.584	136	3221	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.423	164	2722	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.162	188	7203	0.400	ng/ul	0.00
17) Chrysene-d12	21.349	240	9122	0.400	ng/ul	0.00
23) Perylene-d12	23.661	264	9790	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.256	96	689	0.766	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.173	152	2245	0.421	ng/ul	0.00
18) Fluoranthene-d10	19.192	212	9608	0.510	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.290	88	1741	2.010	ng/ul#	70
5) Naphthalene	10.634	128	3582	0.348	ng/ul	98
7) 2-Methylnaphthalene	12.250	142	2566	0.385	ng/ul	99
8) 1-Methylnaphthalene	12.465	142	2813	0.429	ng/ul	100
10) Acenaphthylene	14.141	152	4803	0.369	ng/ul	99
11) Acenaphthene	14.483	153	3831	0.308	ng/ul	98
12) Fluorene	15.469	166	4805	0.373	ng/ul	98
14) Pentachlorophenol	16.833	266	1162	0.840	ng/ul	99
15) Phenanthrene	17.204	178	9180	0.352	ng/ul	99
16) Anthracene	17.297	178	7910	0.359	ng/ul	99
19) Fluoranthene	19.220	202	12509	0.340	ng/ul	98
20) Pyrene	19.583	202	13346	0.334	ng/ul	98
21) Benzo(a)anthracene	21.334	228	12789	0.361	ng/ul	100
22) Chrysene	21.387	228	14662	0.333	ng/ul	99
24) Benzo(b)fluoranthene	22.959	252	16651	0.238	ng/ul	99
25) Benzo(k)fluoranthene	23.003	252	16694	0.256	ng/ul	99
26) Benzo(a)pyrene	23.558	252	16277	0.367	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.032	276	20872	0.290	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.045	278	16879	0.294	ng/ul	99
29) Benzo(g,h,i)perylene	26.750	276	18713	0.294	ng/ul	99

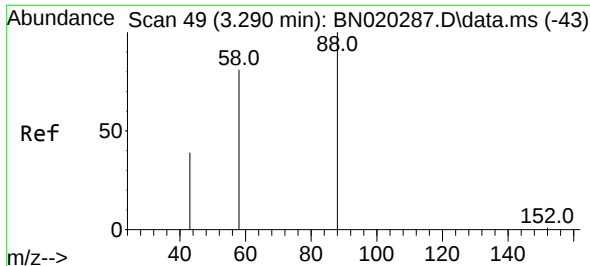
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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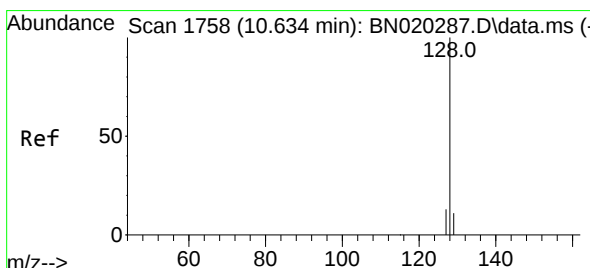
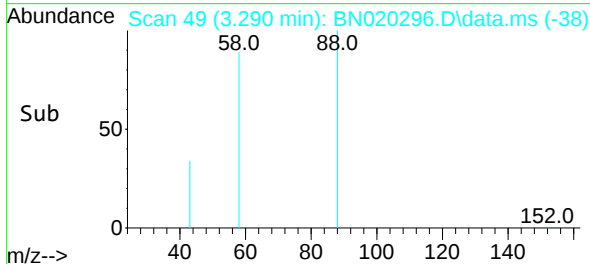
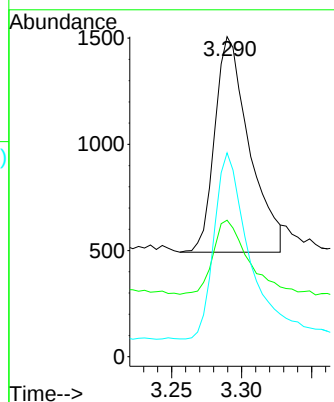
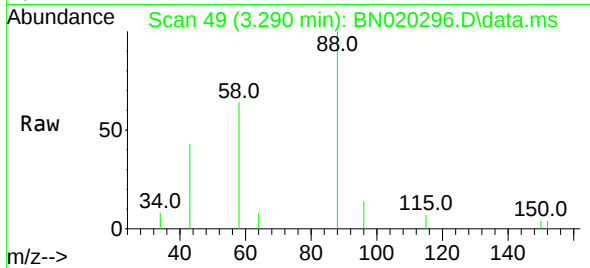




#2
1,4-Dioxane
Concen: 2.010 ng/ul
RT: 3.290 min Scan# 49
Delta R.T. -0.004 min
Lab File: BN020296.D
Acq: 21 Jun 2022 02:18

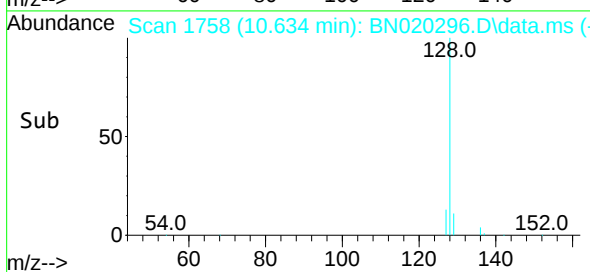
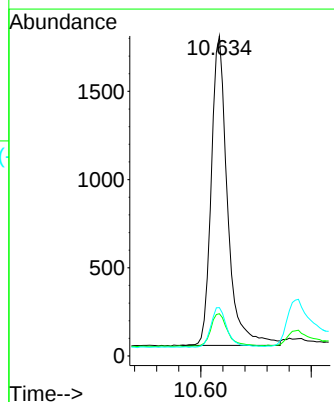
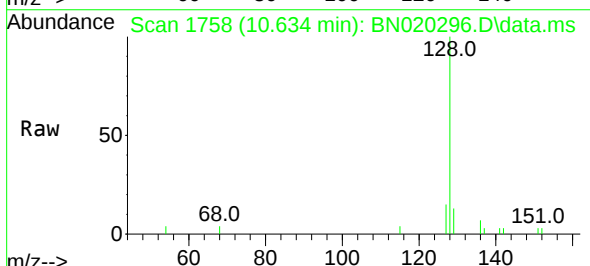
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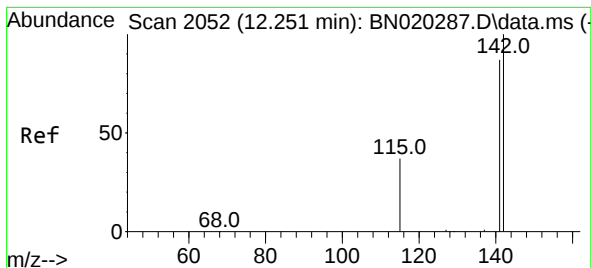
Tgt Ion: 88 Resp: 1741
Ion Ratio Lower Upper
88 100
43 42.7 31.6 47.4
58 63.7 23.8 35.6#



#5
Naphthalene
Concen: 0.348 ng/ul
RT: 10.634 min Scan# 1758
Delta R.T. -0.000 min
Lab File: BN020296.D
Acq: 21 Jun 2022 02:18

Tgt Ion:128 Resp: 3582
Ion Ratio Lower Upper
128 100
129 13.2 11.0 16.4
127 15.1 12.8 19.2

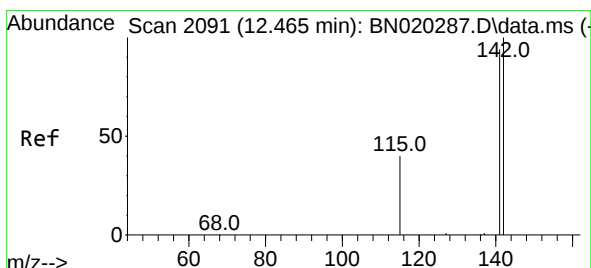
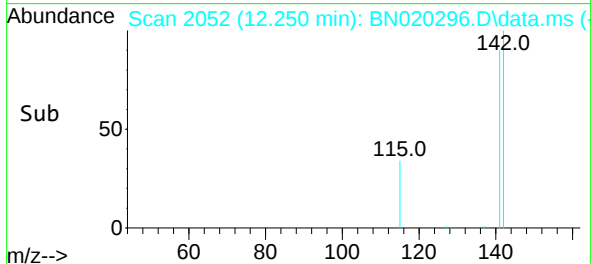
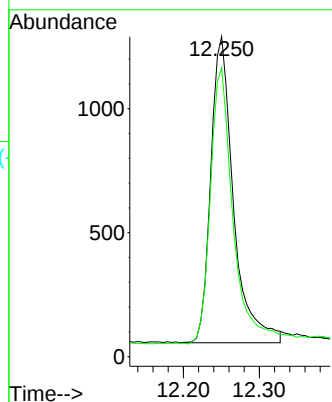
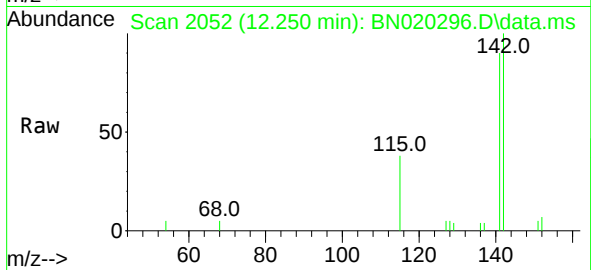




#7
2-Methylnaphthalene
Concen: 0.385 ng/ul
RT: 12.250 min Scan# 2052
Delta R.T. -0.000 min
Lab File: BN020296.D
Acq: 21 Jun 2022 02:18

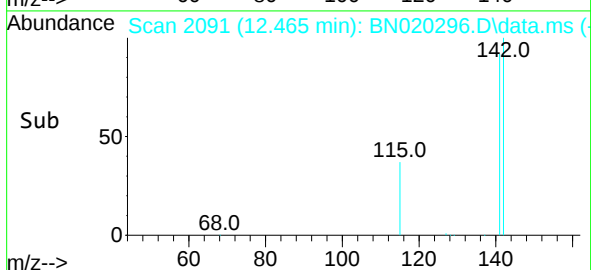
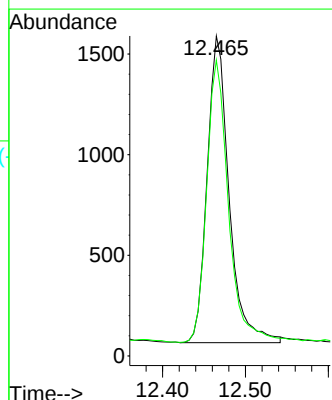
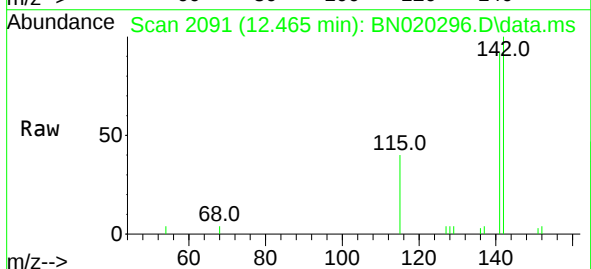
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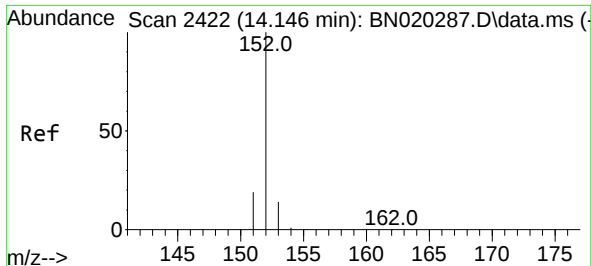
Tgt Ion:142 Resp: 2566
Ion Ratio Lower Upper
142 100
141 89.2 71.8 107.8



#8
1-Methylnaphthalene
Concen: 0.429 ng/ul
RT: 12.465 min Scan# 2091
Delta R.T. -0.000 min
Lab File: BN020296.D
Acq: 21 Jun 2022 02:18

Tgt Ion:142 Resp: 2813
Ion Ratio Lower Upper
142 100
141 91.3 73.4 110.0

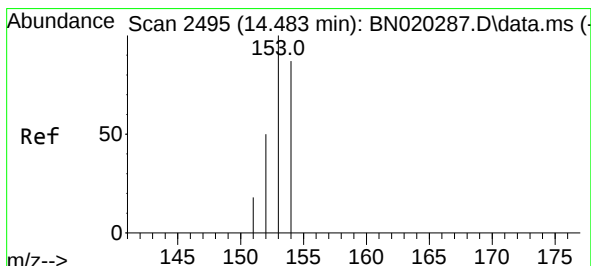
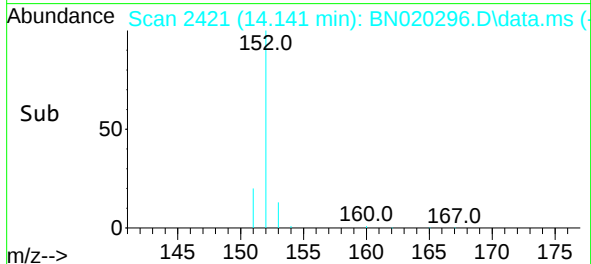
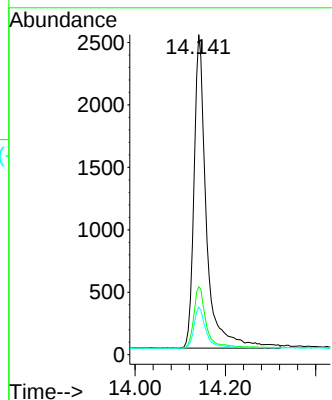
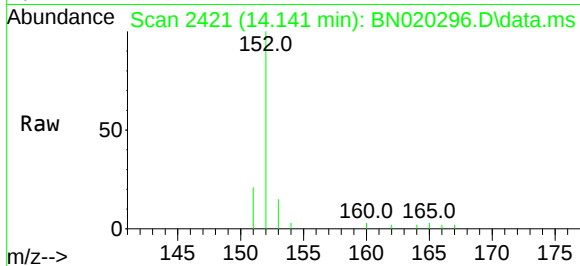




#10
Acenaphthylene
Concen: 0.369 ng/ul
RT: 14.141 min Scan# 2421
Delta R.T. -0.000 min
Lab File: BN020296.D
Acq: 21 Jun 2022 02:18

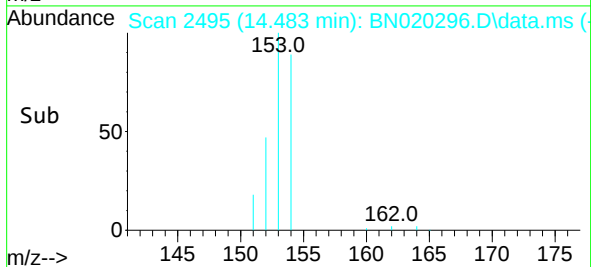
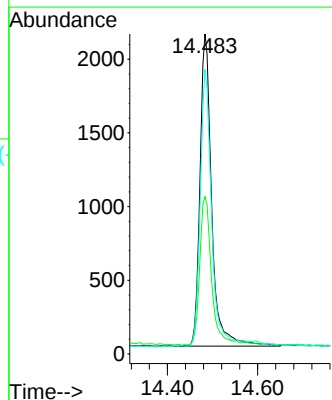
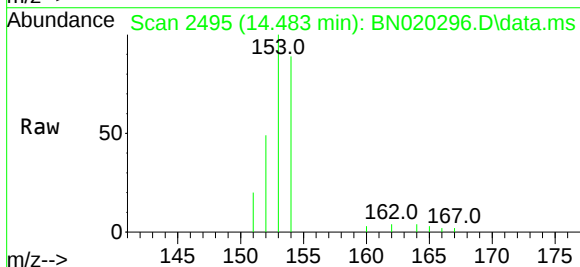
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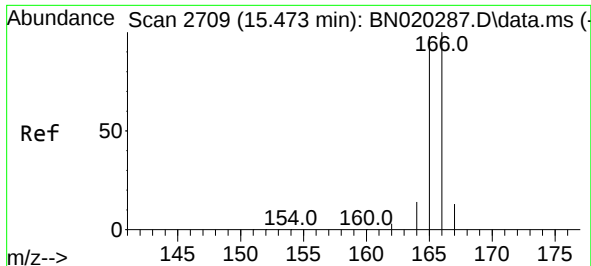
Tgt Ion:152 Resp: 4803
Ion Ratio Lower Upper
152 100
151 21.2 17.2 25.8
153 14.8 11.7 17.5



#11
Acenaphthene
Concen: 0.308 ng/ul
RT: 14.483 min Scan# 2495
Delta R.T. -0.000 min
Lab File: BN020296.D
Acq: 21 Jun 2022 02:18

Tgt Ion:153 Resp: 3831
Ion Ratio Lower Upper
153 100
152 49.1 39.9 59.9
154 88.9 69.2 103.8

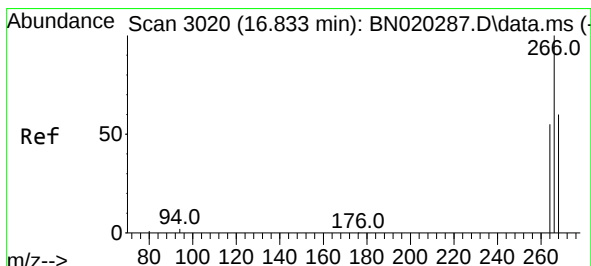
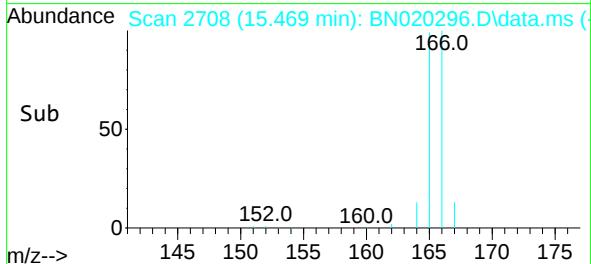
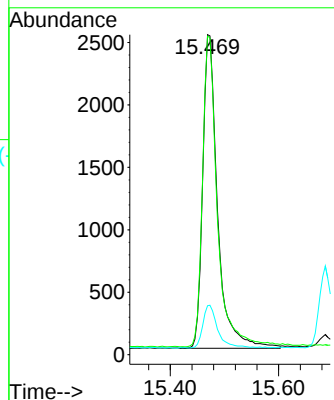
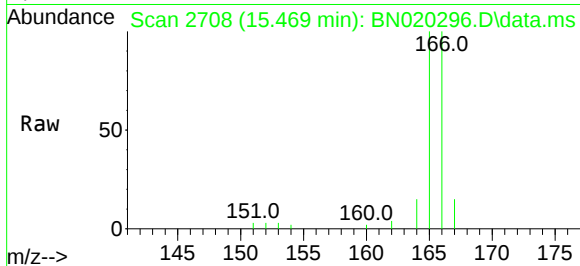




#12
Fluorene
Concen: 0.373 ng/ul
RT: 15.469 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN020296.D
Acq: 21 Jun 2022 02:18

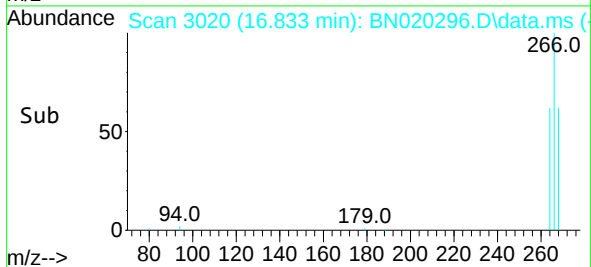
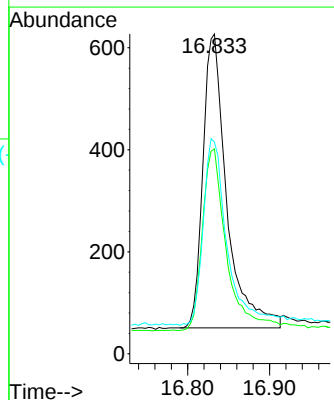
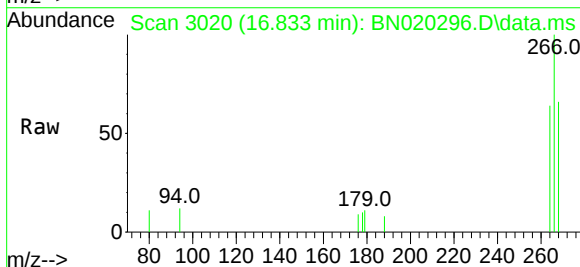
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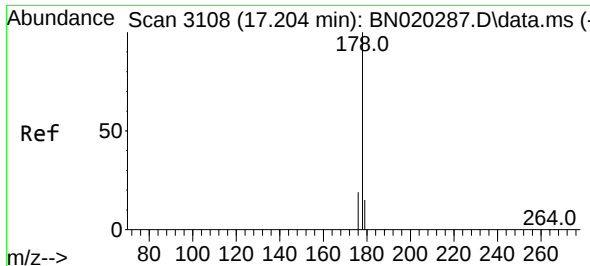
Tgt Ion:166 Resp: 4805
Ion Ratio Lower Upper
166 100
165 99.5 78.2 117.4
167 15.3 12.1 18.1



#14
Pentachlorophenol
Concen: 0.840 ng/ul
RT: 16.833 min Scan# 3020
Delta R.T. -0.004 min
Lab File: BN020296.D
Acq: 21 Jun 2022 02:18

Tgt Ion:266 Resp: 1162
Ion Ratio Lower Upper
266 100
264 62.7 49.8 74.8
268 64.0 51.8 77.6

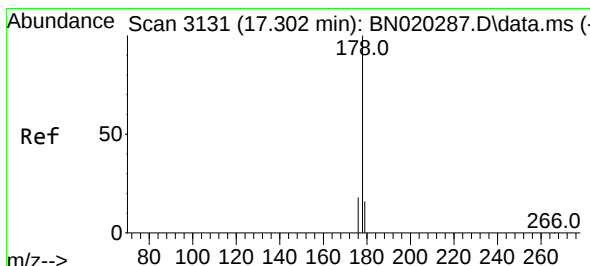
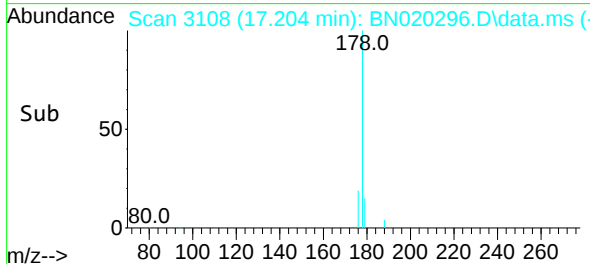
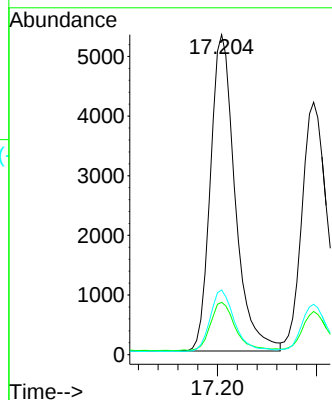
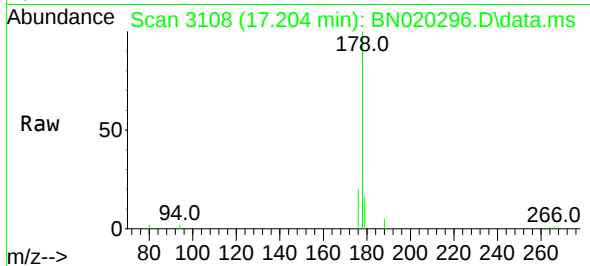




#15
Phenanthrene
Concen: 0.352 ng/ul
RT: 17.204 min Scan# 3108
Delta R.T. -0.000 min
Lab File: BN020296.D
Acq: 21 Jun 2022 02:18

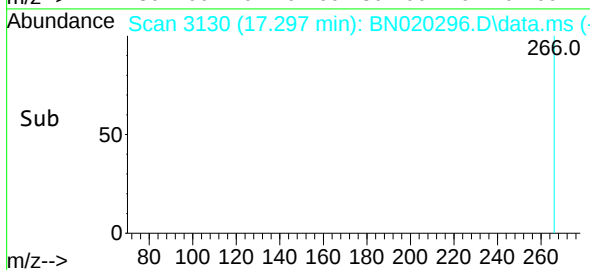
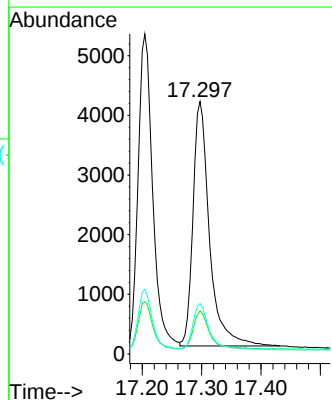
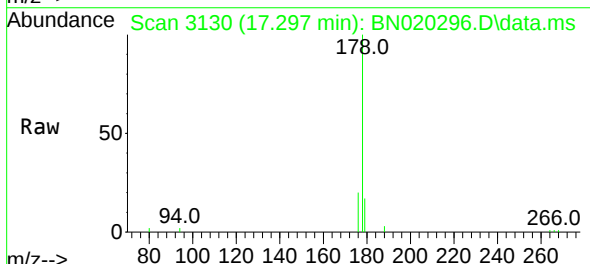
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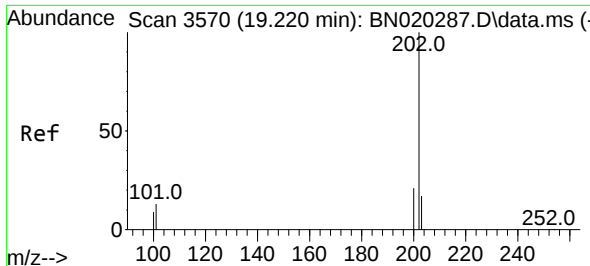
Tgt Ion:	178	Resp:	9180
Ion Ratio	Lower	Upper	
178	100		
179	16.4	13.4	20.0
176	20.2	15.8	23.6



#16
Anthracene
Concen: 0.359 ng/ul
RT: 17.297 min Scan# 3130
Delta R.T. -0.004 min
Lab File: BN020296.D
Acq: 21 Jun 2022 02:18

Tgt Ion:	178	Resp:	7910
Ion Ratio	Lower	Upper	
178	100		
179	17.1	13.8	20.8
176	20.0	15.6	23.4

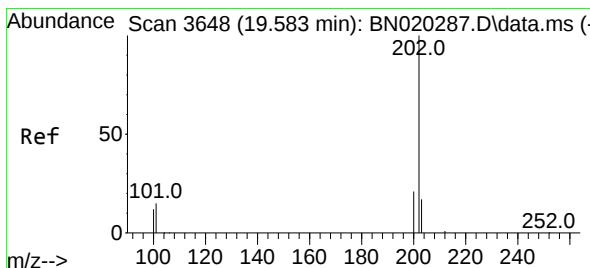
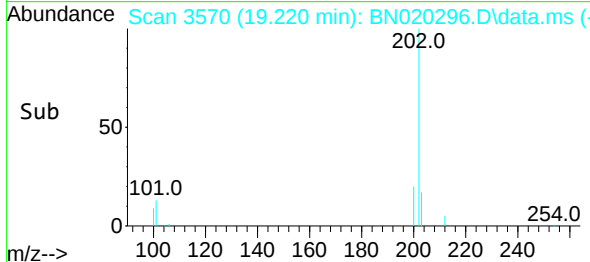
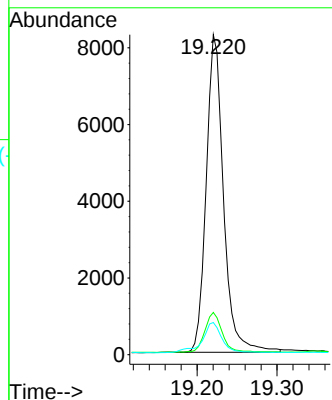
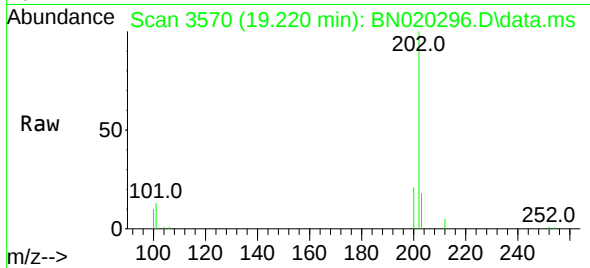




#19
Fluoranthene
Concen: 0.340 ng/u1
RT: 19.220 min Scan# 3570
Delta R.T. -0.005 min
Lab File: BN020296.D
Acq: 21 Jun 2022 02:18

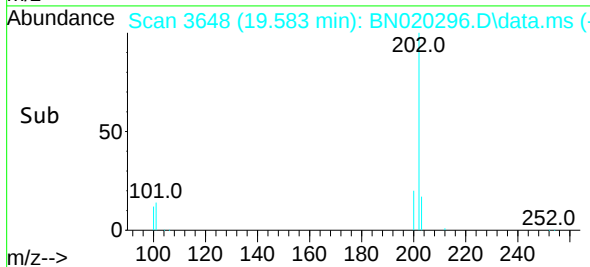
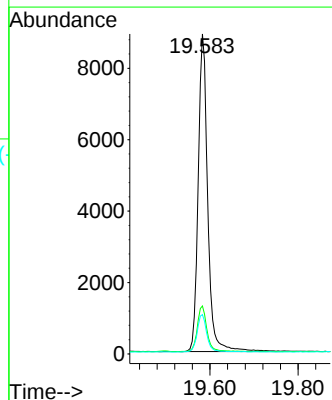
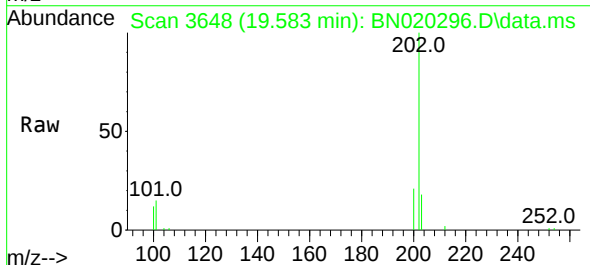
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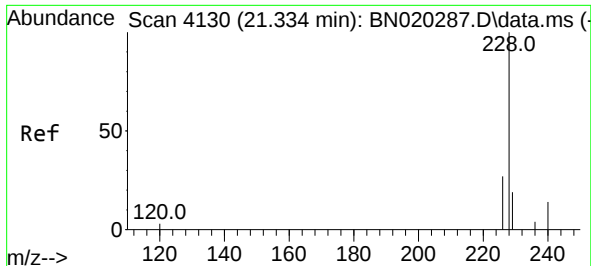
Tgt Ion:202 Resp: 12509
Ion Ratio Lower Upper
202 100
101 13.2 9.9 14.9
100 10.0 7.6 11.4



#20
Pyrene
Concen: 0.334 ng/u1
RT: 19.583 min Scan# 3648
Delta R.T. -0.000 min
Lab File: BN020296.D
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Tgt Ion:202 Resp: 13346
Ion Ratio Lower Upper
202 100
101 15.0 12.6 19.0
100 12.3 10.3 15.5

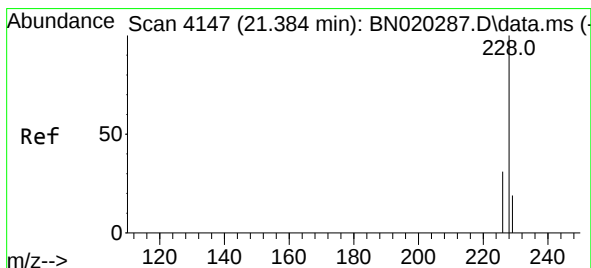
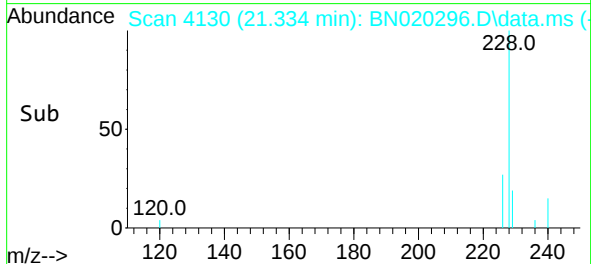
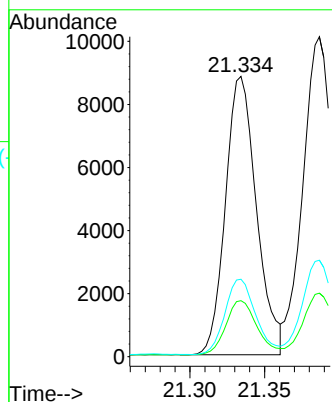
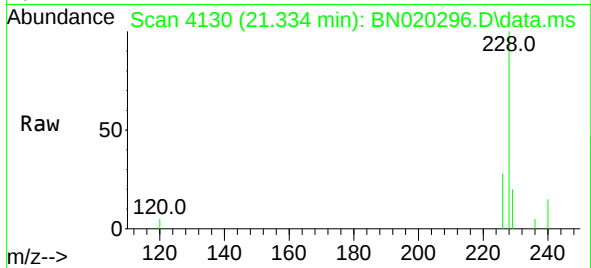




#21
Benzo(a)anthracene
Concen: 0.361 ng/ul
RT: 21.334 min Scan# 4130
Delta R.T. -0.004 min
Lab File: BN020296.D
Acq: 21 Jun 2022 02:18

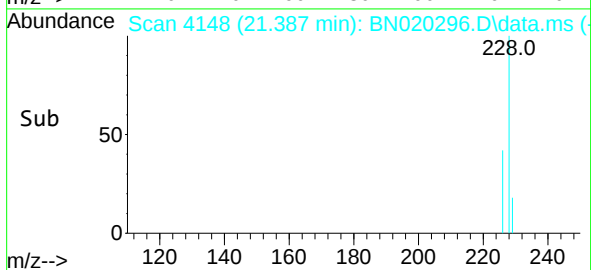
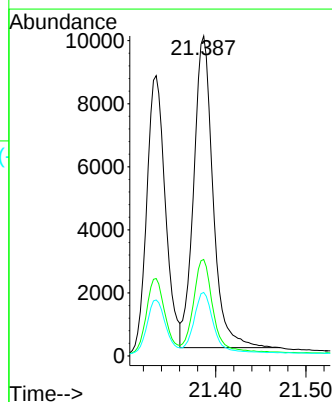
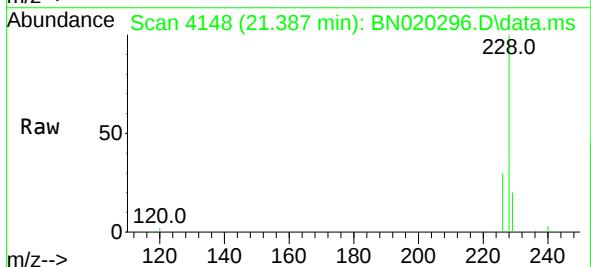
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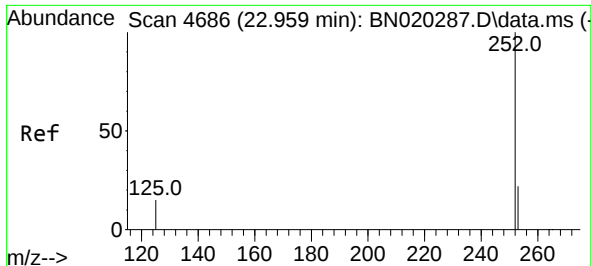
Tgt Ion:228 Resp: 12789
Ion Ratio Lower Upper
228 100
229 20.0 16.0 24.0
226 27.6 21.8 32.6



#22
Chrysene
Concen: 0.333 ng/ul
RT: 21.387 min Scan# 4148
Delta R.T. -0.001 min
Lab File: BN020296.D
Acq: 21 Jun 2022 02:18

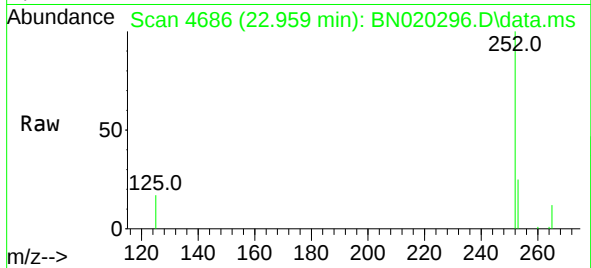
Tgt Ion:228 Resp: 14662
Ion Ratio Lower Upper
228 100
226 30.2 24.7 37.1
229 19.8 16.0 24.0



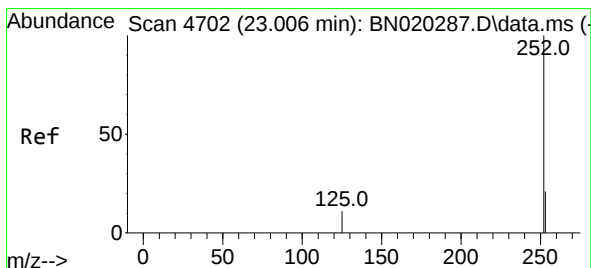
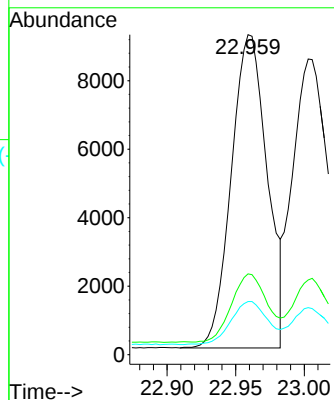


#24
Benzo(b)fluoranthene
Concen: 0.238 ng/ul
RT: 22.959 min Scan# 4686
Delta R.T. -0.007 min
Lab File: BN020296.D
Acq: 21 Jun 2022 02:18

Instrument :
BNA_N
ClientSampleId :
SLCS553

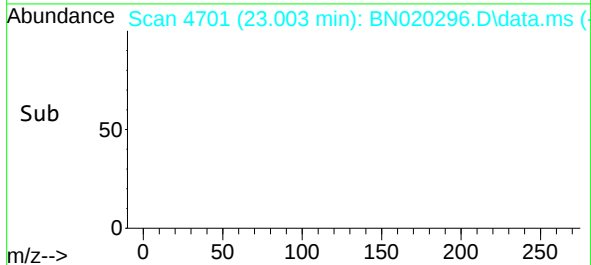
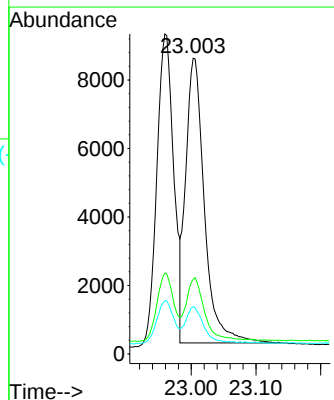
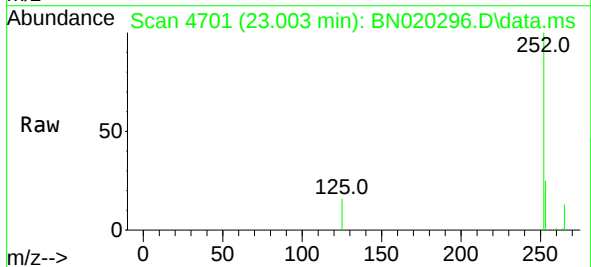


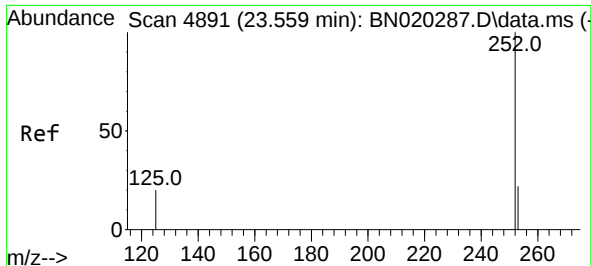
Tgt Ion:252 Resp: 16651
Ion Ratio Lower Upper
252 100
253 25.2 0.0 49.4
125 16.6 0.0 33.2



#25
Benzo(k)fluoranthene
Concen: 0.256 ng/ul
RT: 23.003 min Scan# 4701
Delta R.T. -0.007 min
Lab File: BN020296.D
Acq: 21 Jun 2022 02:18

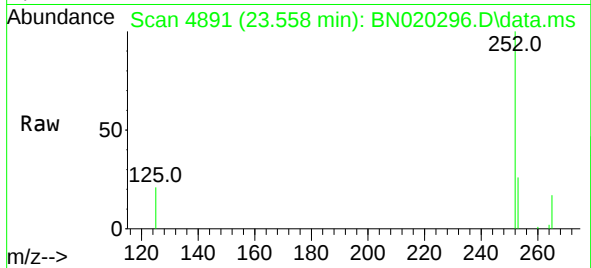
Tgt Ion:252 Resp: 16694
Ion Ratio Lower Upper
252 100
253 25.3 20.2 30.4
125 15.9 12.3 18.5



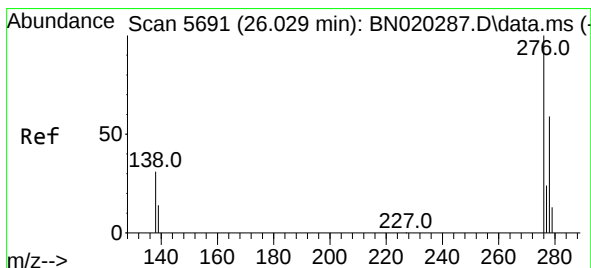
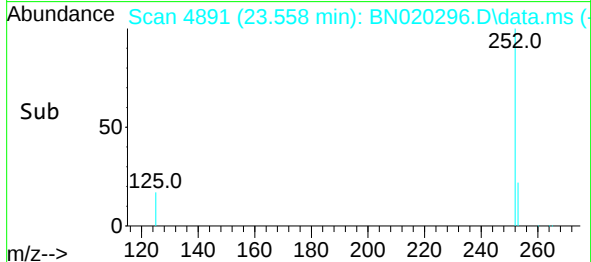
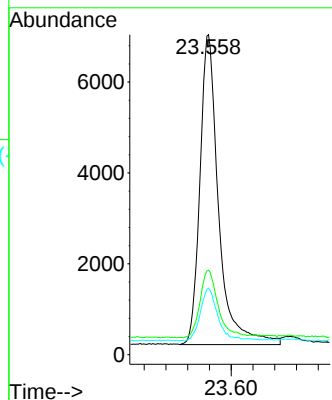


#26
Benzo(a)pyrene
Concen: 0.367 ng/ul
RT: 23.558 min Scan# 4891
Delta R.T. -0.004 min
Lab File: BN020296.D
Acq: 21 Jun 2022 02:18

Instrument :
BNA_N
ClientSampleId :
SLCS553

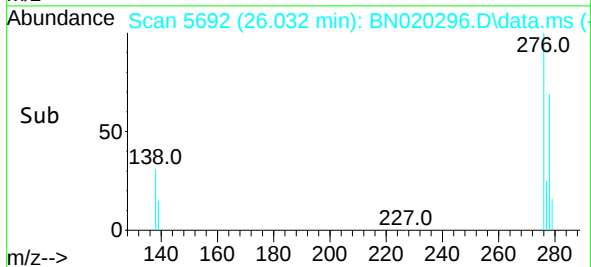
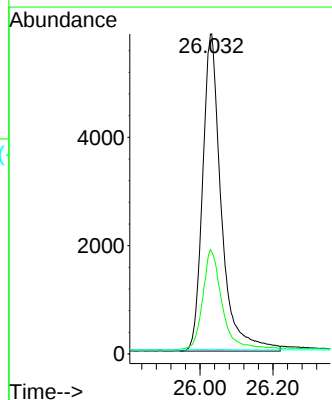
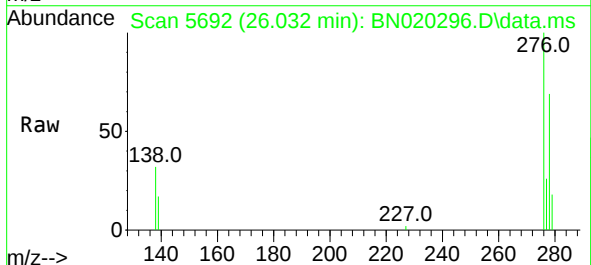


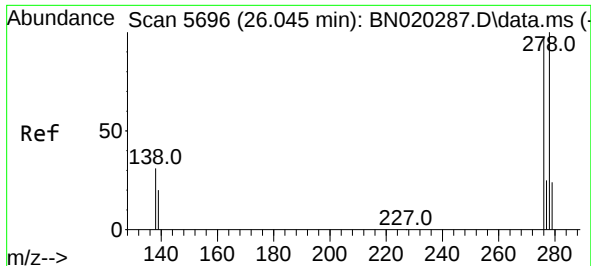
Tgt Ion:252 Resp: 16277
Ion Ratio Lower Upper
252 100
253 26.4 21.7 32.5
125 20.8 18.6 28.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.290 ng/ul
RT: 26.032 min Scan# 5692
Delta R.T. -0.008 min
Lab File: BN020296.D
Acq: 21 Jun 2022 02:18

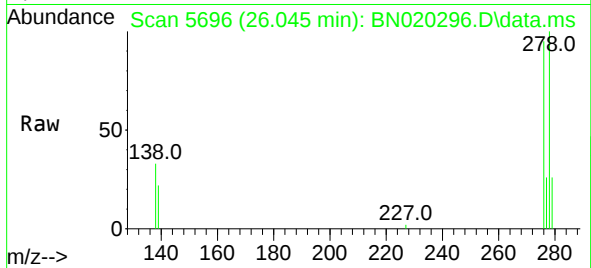
Tgt Ion:276 Resp: 20872
Ion Ratio Lower Upper
276 100
138 33.1 26.5 39.7
227 0.1 0.0 0.0#



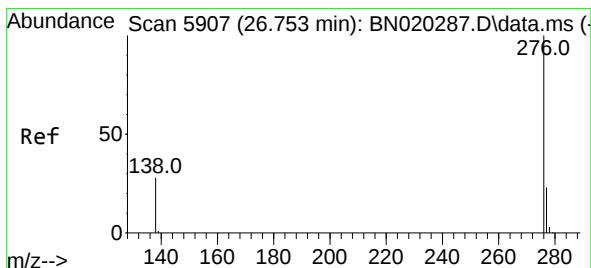
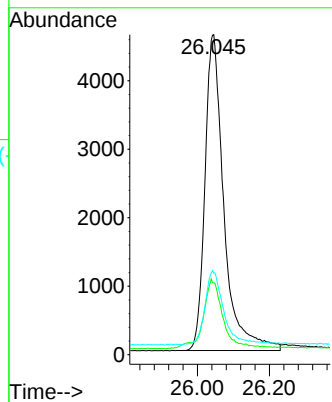
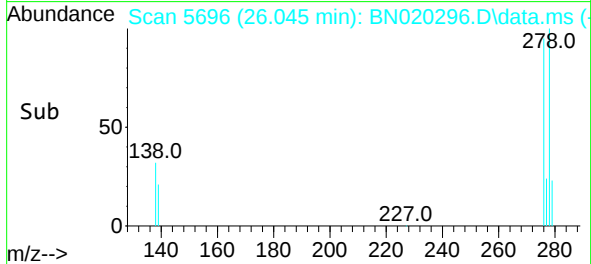


#28
Dibenzo(a,h)anthracene
Concen: 0.294 ng/ul
RT: 26.045 min Scan# 5096
Delta R.T. -0.005 min
Lab File: BN020296.D
Acq: 21 Jun 2022 02:18

Instrument :
BNA_N
ClientSampleId :
SLCS553



Tgt Ion:278 Resp: 16879
Ion Ratio Lower Upper
278 100
139 22.4 18.2 27.2
279 25.5 20.8 31.2



#29
Benzo(g,h,i)perylene
Concen: 0.294 ng/ul
RT: 26.750 min Scan# 5906
Delta R.T. -0.015 min
Lab File: BN020296.D
Acq: 21 Jun 2022 02:18

Tgt Ion:276 Resp: 18713
Ion Ratio Lower Upper
276 100
138 29.5 23.0 34.4
277 24.9 19.7 29.5

