

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062022\
 Data File : BN020283.D
 Acq On : 20 Jun 2022 17:53
 Operator : CG/JU
 Sample : N3294-13MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW4Q7MS

Quant Time: Jun 21 02:38:23 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)

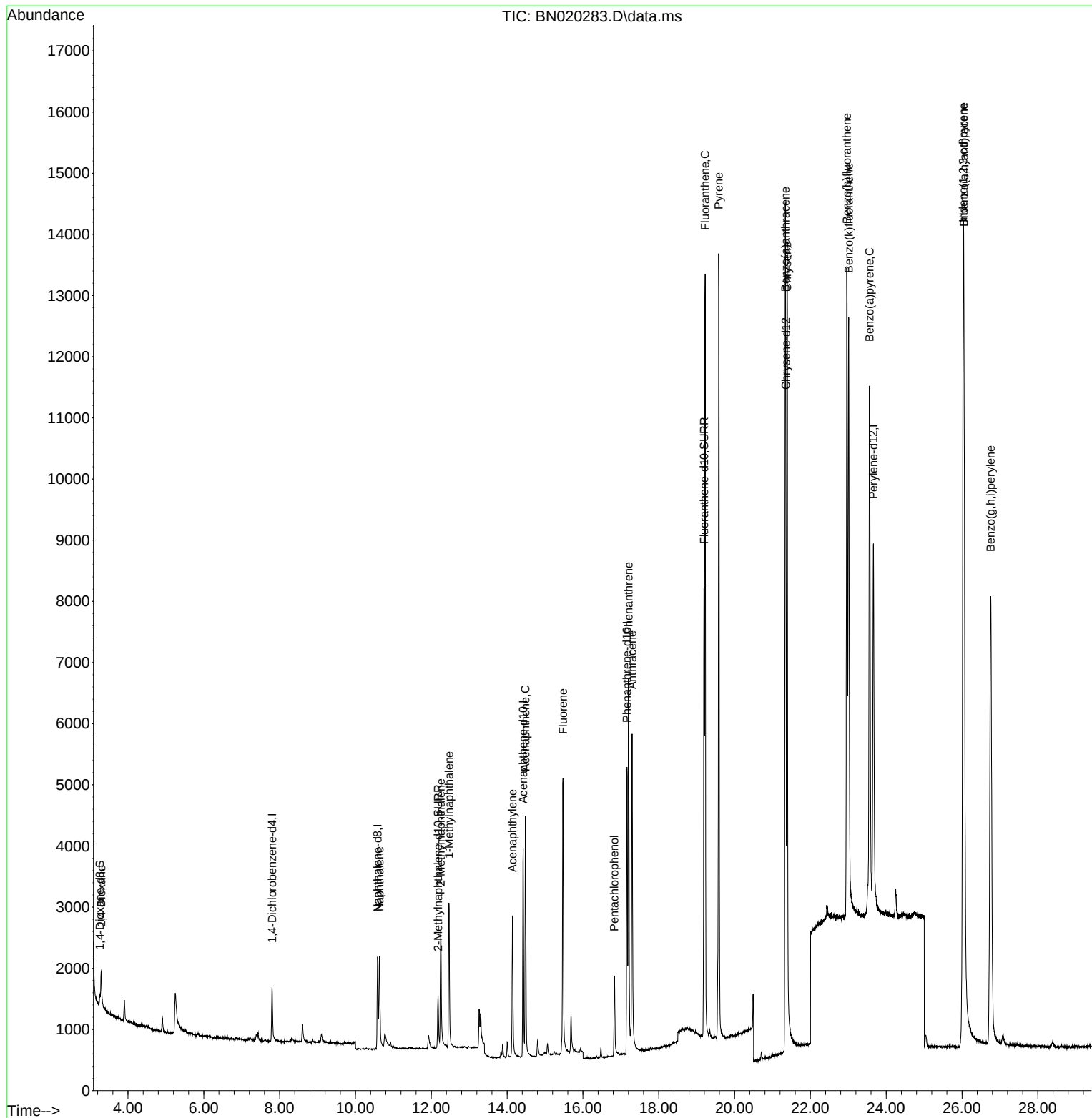
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.800	152	591	0.400	ng/ul	0.00
4) Naphthalene-d8	10.584	136	2535	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.423	164	2123	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.162	188	5940	0.400	ng/ul	0.00
17) Chrysene-d12	21.353	240	7726	0.400	ng/ul	0.00
23) Perylene-d12	23.662	264	8821	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.260	96	164	0.243	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.179	152	1410	0.336	ng/ul	0.00
18) Fluoranthene-d10	19.193	212	8605	0.540	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.294	88	409	0.630	ng/ul#	82
5) Naphthalene	10.634	128	2417	0.298	ng/ul	98
7) 2-Methylnaphthalene	12.251	142	1699	0.324	ng/ul	99
8) 1-Methylnaphthalene	12.465	142	1874	0.363	ng/ul	98
10) Acenaphthylene	14.146	152	3234	0.319	ng/ul	98
11) Acenaphthene	14.483	153	2600	0.268	ng/ul	98
12) Fluorene	15.473	166	3388	0.337	ng/ul	98
14) Pentachlorophenol	16.829	266	1072	0.940	ng/ul	99
15) Phenanthrene	17.204	178	7314	0.340	ng/ul	99
16) Anthracene	17.297	178	6558	0.361	ng/ul	99
19) Fluoranthene	19.225	202	11011	0.353	ng/ul	98
20) Pyrene	19.583	202	11568	0.342	ng/ul	99
21) Benzo(a)anthracene	21.339	228	11006	0.367	ng/ul	99
22) Chrysene	21.388	228	12271	0.329	ng/ul	100
24) Benzo(b)fluoranthene	22.960	252	14497	0.230	ng/ul	94
25) Benzo(k)fluoranthene	23.010	252	14125	0.241	ng/ul	95
26) Benzo(a)pyrene	23.560	252	14000	0.351	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.030	276	19381	0.298	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.047	278	15730	0.304	ng/ul	98
29) Benzo(g,h,i)perylene	26.755	276	17629	0.308	ng/ul	99

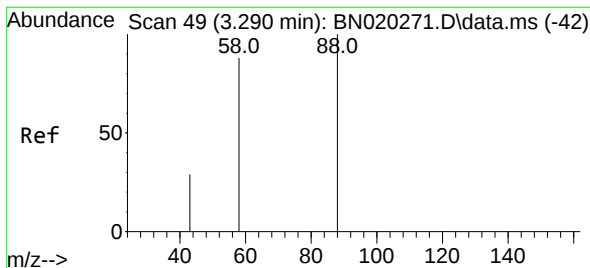
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 0.630 ng/ul

RT: 3.294 min Scan# 50

Delta R.T. 0.000 min

Lab File: BN020283.D

Acq: 20 Jun 2022 17:53

Instrument :

BNA_N

ClientSampleId :

EW4Q7MS

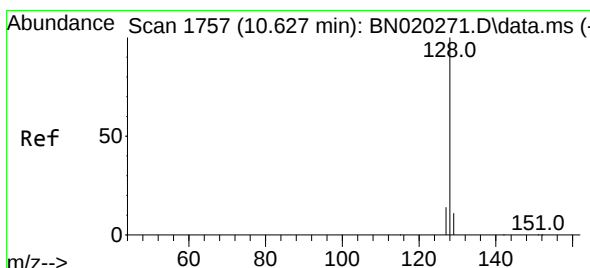
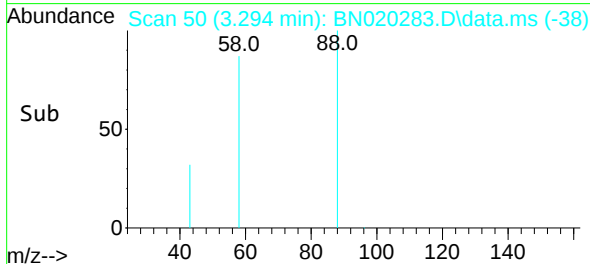
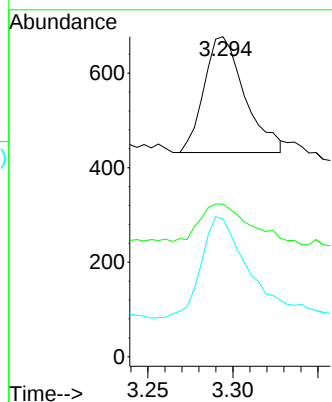
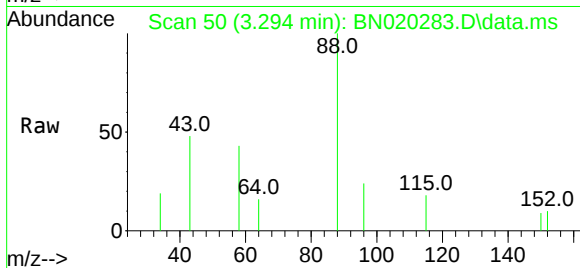
Tgt Ion: 88 Resp: 409

Ion Ratio Lower Upper

88 100

43 47.7 31.6 47.4#

58 43.1 23.8 35.6#



#5

Naphthalene

Concen: 0.298 ng/ul

RT: 10.634 min Scan# 1758

Delta R.T. 0.000 min

Lab File: BN020283.D

Acq: 20 Jun 2022 17:53

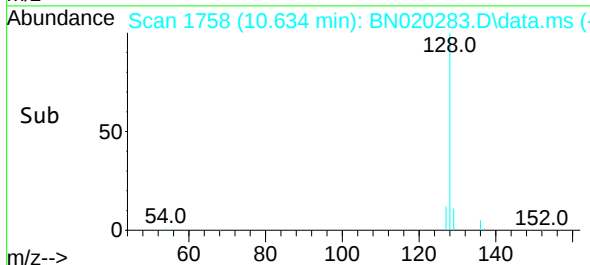
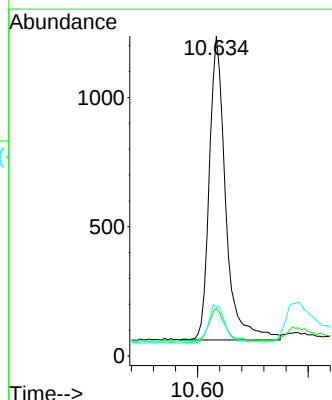
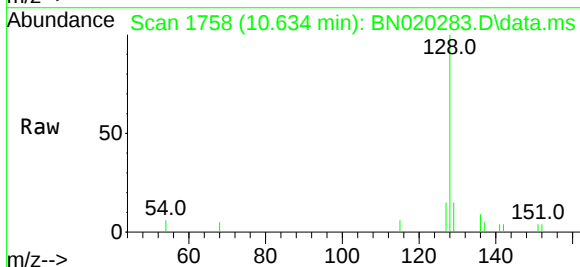
Tgt Ion: 128 Resp: 2417

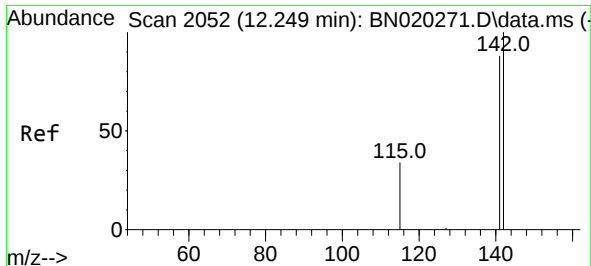
Ion Ratio Lower Upper

128 100

129 14.9 11.0 16.4

127 15.4 12.8 19.2

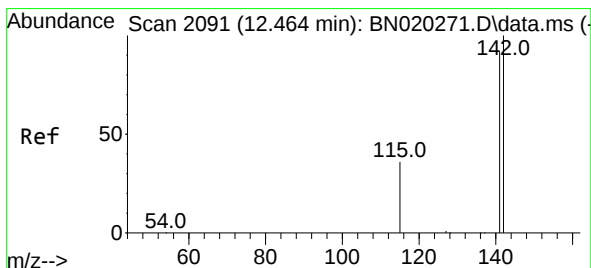
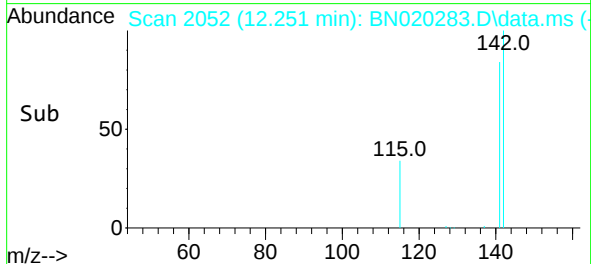
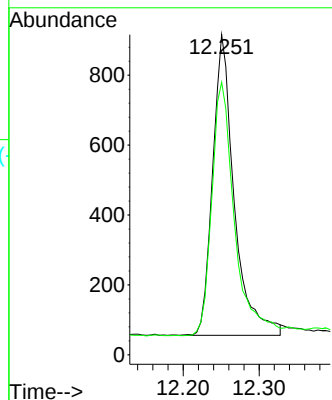
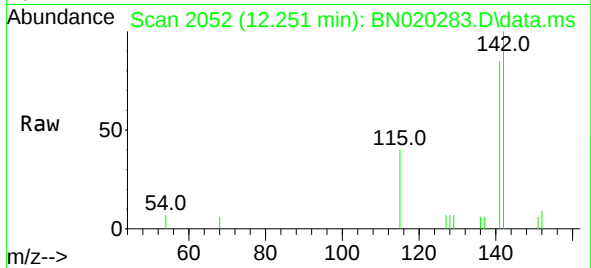




#7
2-Methylnaphthalene
Concen: 0.324 ng/ul
RT: 12.251 min Scan# 2052
Delta R.T. 0.000 min
Lab File: BN020283.D
Acq: 20 Jun 2022 17:53

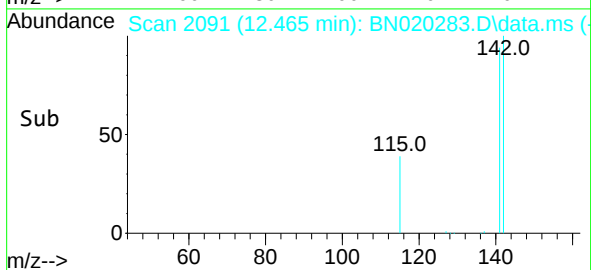
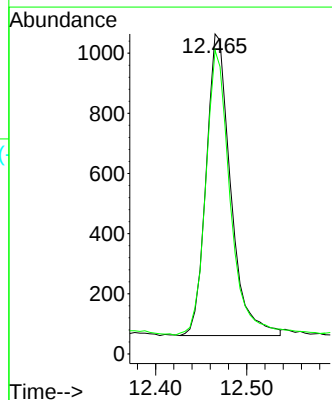
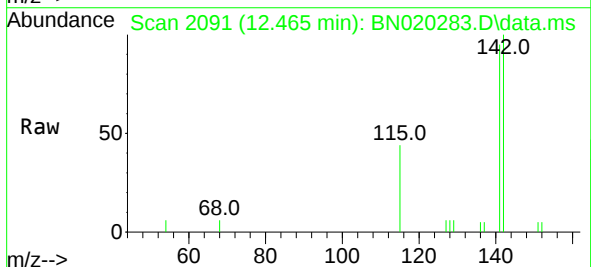
Instrument :
BNA_N
ClientSampleId :
EW4Q7MS

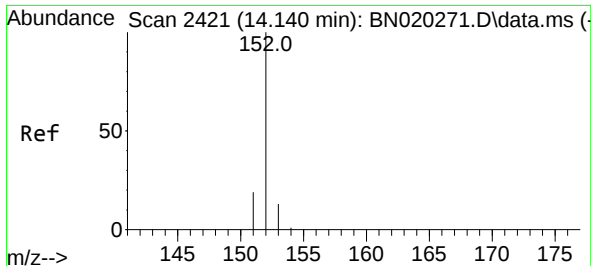
Tgt Ion:142 Resp: 1699
Ion Ratio Lower Upper
142 100
141 88.6 71.8 107.8



#8
1-Methylnaphthalene
Concen: 0.363 ng/ul
RT: 12.465 min Scan# 2091
Delta R.T. 0.000 min
Lab File: BN020283.D
Acq: 20 Jun 2022 17:53

Tgt Ion:142 Resp: 1874
Ion Ratio Lower Upper
142 100
141 94.1 73.4 110.0

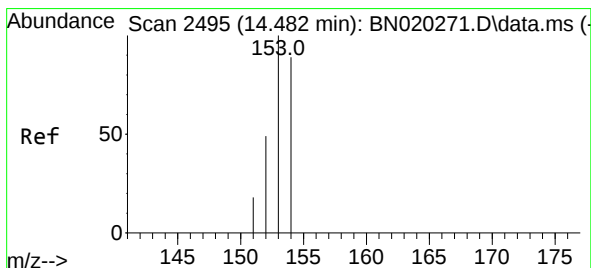
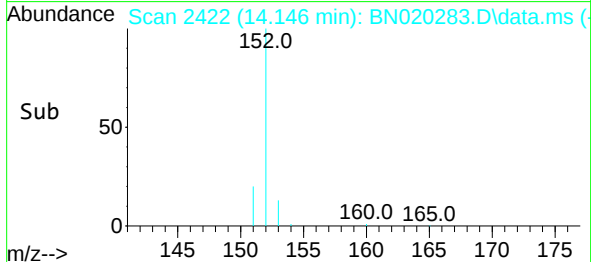
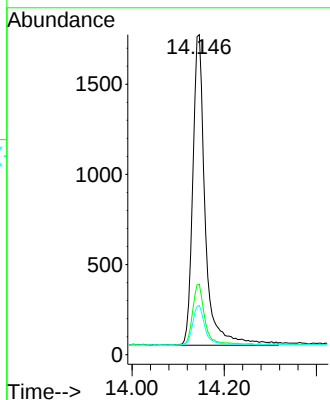
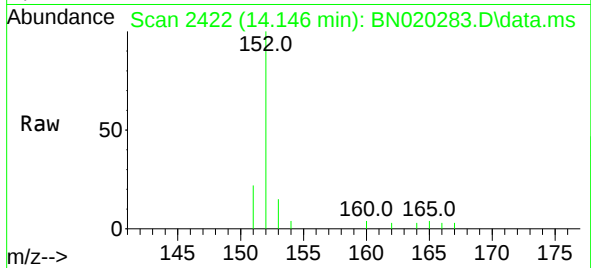




#10
Acenaphthylene
Concen: 0.319 ng/ul
RT: 14.146 min Scan# 2421
Delta R.T. 0.005 min
Lab File: BN020283.D
Acq: 20 Jun 2022 17:53

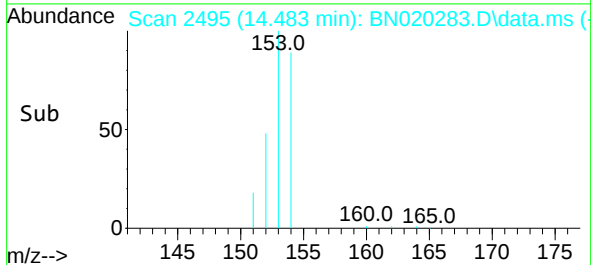
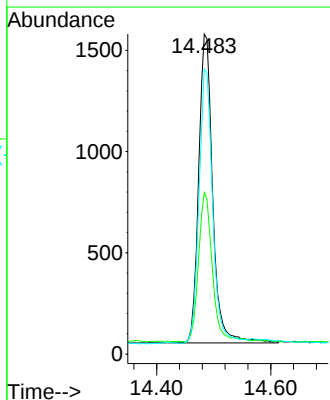
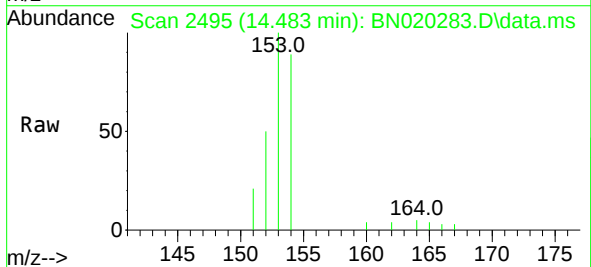
Instrument :
BNA_N
ClientSampleId :
EW4Q7MS

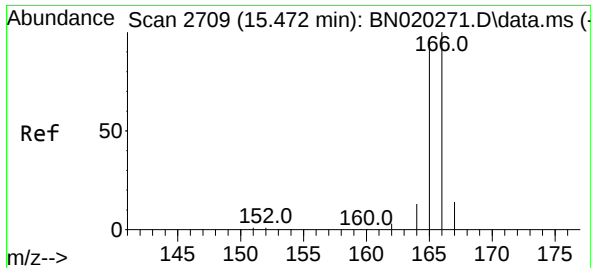
Tgt Ion:152 Resp: 3234
Ion Ratio Lower Upper
152 100
151 22.1 17.2 25.8
153 15.4 11.7 17.5



#11
Acenaphthene
Concen: 0.268 ng/ul
RT: 14.483 min Scan# 2495
Delta R.T. 0.000 min
Lab File: BN020283.D
Acq: 20 Jun 2022 17:53

Tgt Ion:153 Resp: 2600
Ion Ratio Lower Upper
153 100
152 50.5 39.9 59.9
154 89.1 69.2 103.8

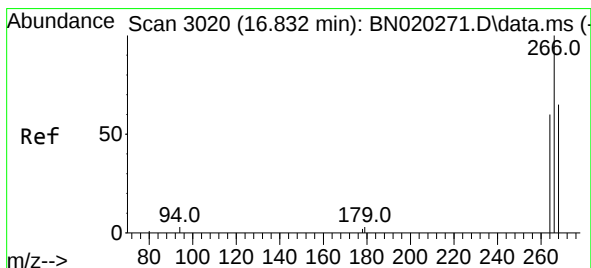
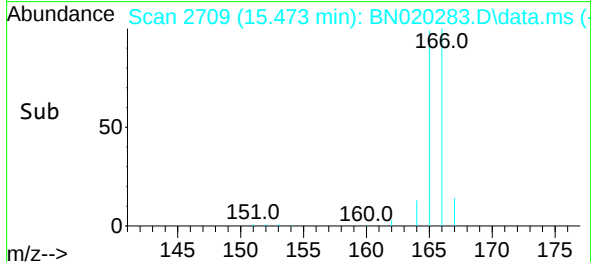
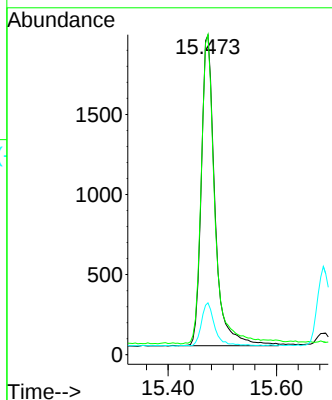
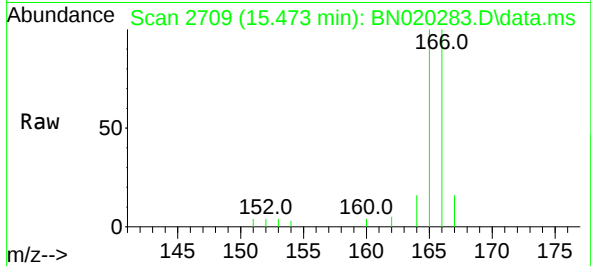




#12
Fluorene
Concen: 0.337 ng/ul
RT: 15.473 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN020283.D
Acq: 20 Jun 2022 17:53

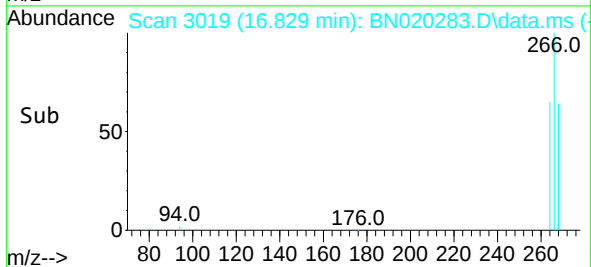
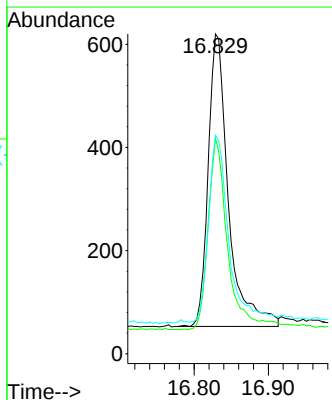
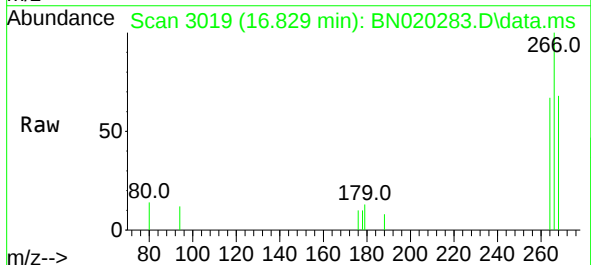
Instrument :
BNA_N
ClientSampleId :
EW4Q7MS

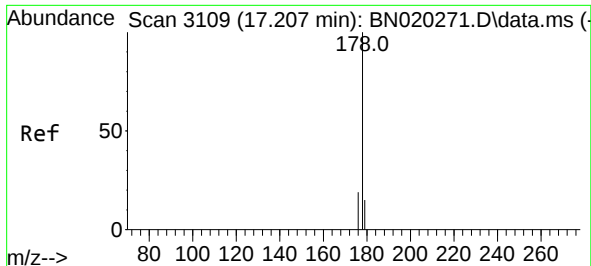
Tgt Ion:166 Resp: 3388
Ion Ratio Lower Upper
166 100
165 100.2 78.2 117.4
167 16.2 12.1 18.1



#14
Pentachlorophenol
Concen: 0.940 ng/ul
RT: 16.829 min Scan# 3019
Delta R.T. -0.008 min
Lab File: BN020283.D
Acq: 20 Jun 2022 17:53

Tgt Ion:266 Resp: 1072
Ion Ratio Lower Upper
266 100
264 63.5 49.8 74.8
268 64.3 51.8 77.6

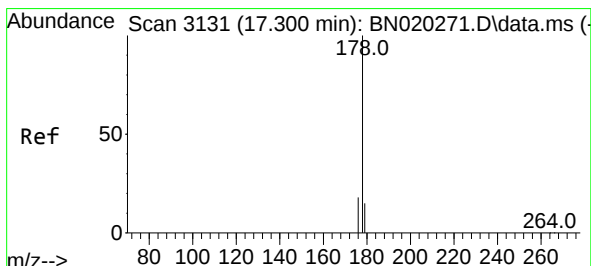
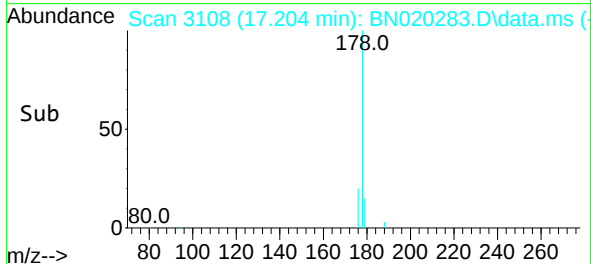
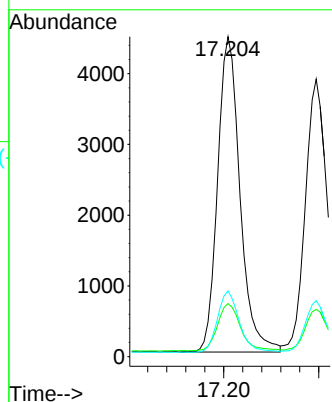
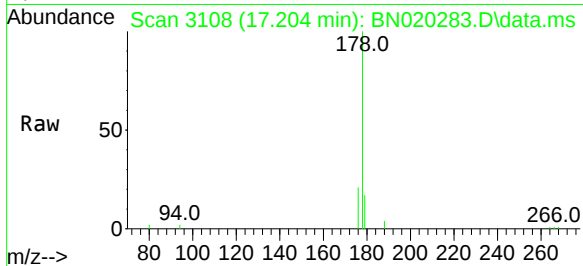




#15
Phenanthrene
Concen: 0.340 ng/ul
RT: 17.204 min Scan# 3108
Delta R.T. 0.000 min
Lab File: BN020283.D
Acq: 20 Jun 2022 17:53

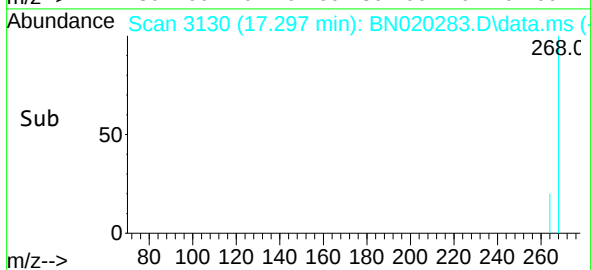
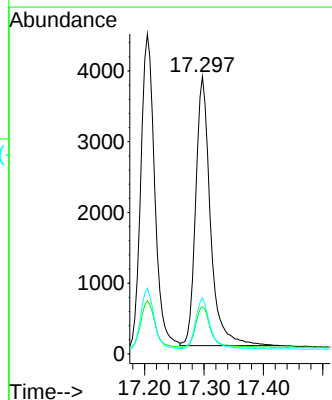
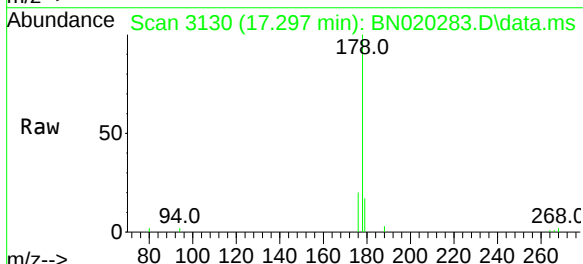
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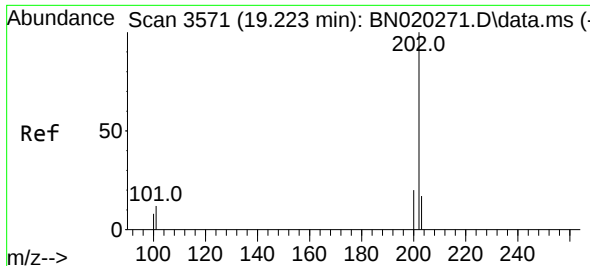
Tgt Ion:178 Resp: 7314
Ion Ratio Lower Upper
178 100
179 16.6 13.4 20.0
176 20.5 15.8 23.6



#16
Anthracene
Concen: 0.361 ng/ul
RT: 17.297 min Scan# 3130
Delta R.T. -0.004 min
Lab File: BN020283.D
Acq: 20 Jun 2022 17:53

Tgt Ion:178 Resp: 6558
Ion Ratio Lower Upper
178 100
179 17.0 13.8 20.8
176 20.2 15.6 23.4

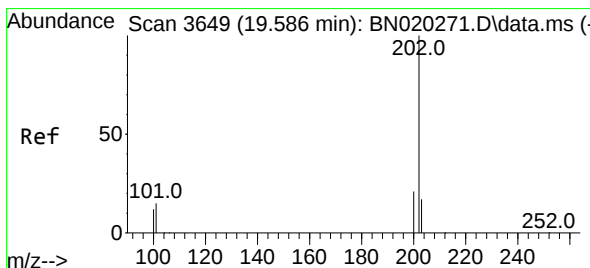
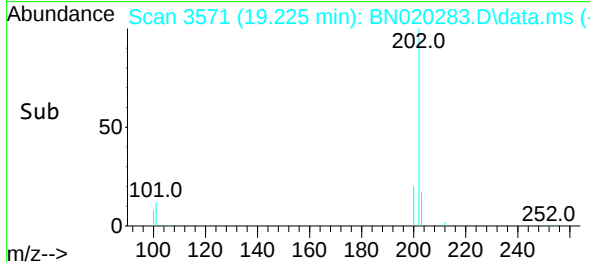
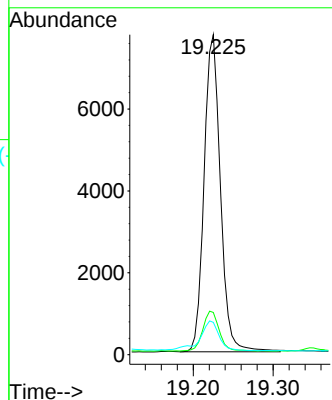
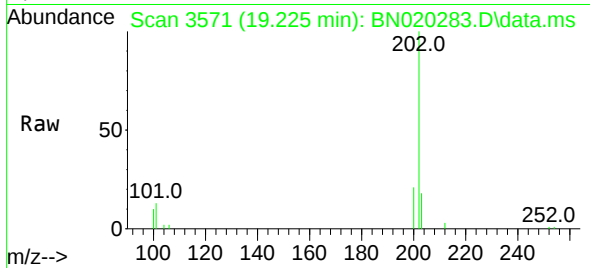




#19
Fluoranthene
Concen: 0.353 ng/u1
RT: 19.225 min Scan# 3571
Delta R.T. 0.000 min
Lab File: BN020283.D
Acq: 20 Jun 2022 17:53

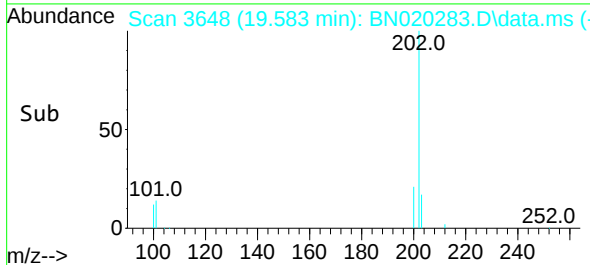
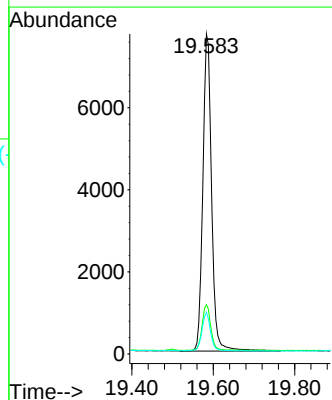
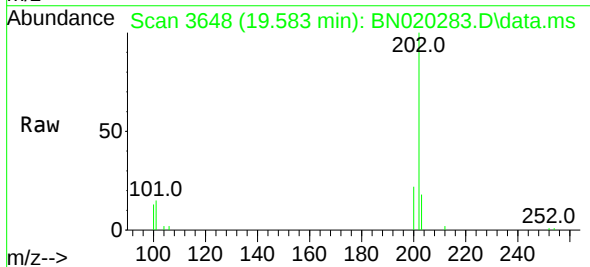
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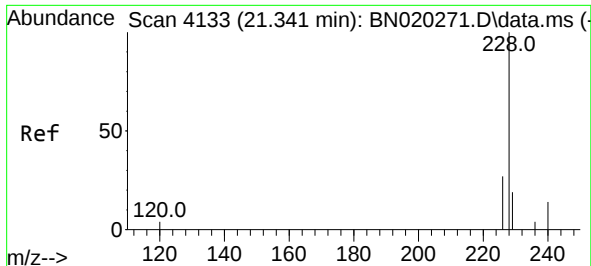
Tgt Ion:	202	Resp:	11011
Ion Ratio	Lower	Upper	
202	100		
101	13.2	9.9	14.9
100	10.1	7.6	11.4



#20
Pyrene
Concen: 0.342 ng/u1
RT: 19.583 min Scan# 3648
Delta R.T. 0.000 min
Lab File: BN020283.D
Acq: 20 Jun 2022 17:53

Tgt Ion:	202	Resp:	11568
Ion Ratio	Lower	Upper	
202	100		
101	15.4	12.6	19.0
100	13.0	10.3	15.5

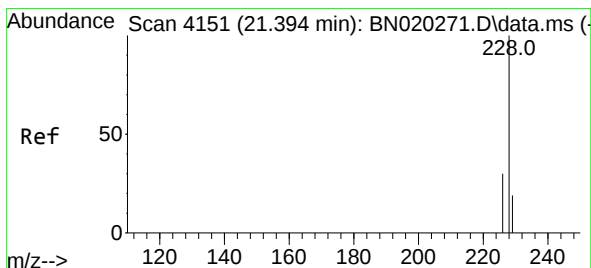
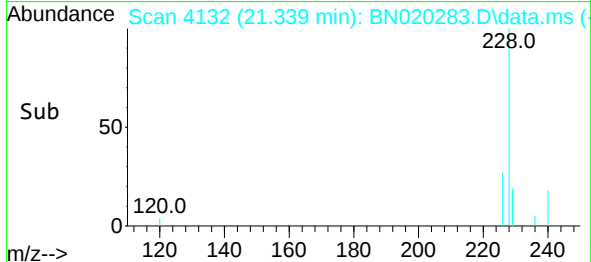
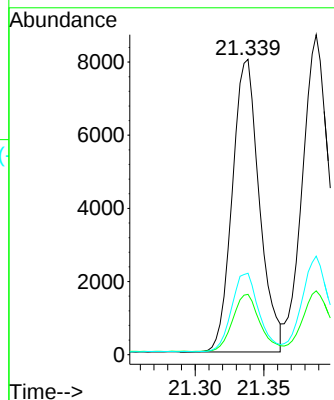
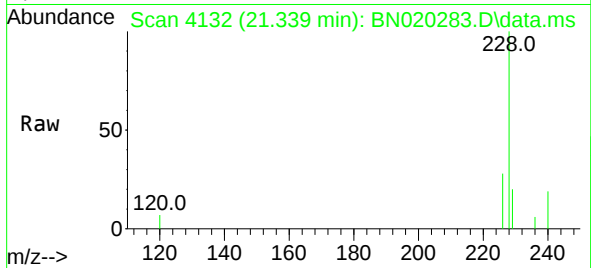




#21
Benzo(a)anthracene
Concen: 0.367 ng/ul
RT: 21.339 min Scan# 4113
Delta R.T. 0.000 min
Lab File: BN020283.D
Acq: 20 Jun 2022 17:53

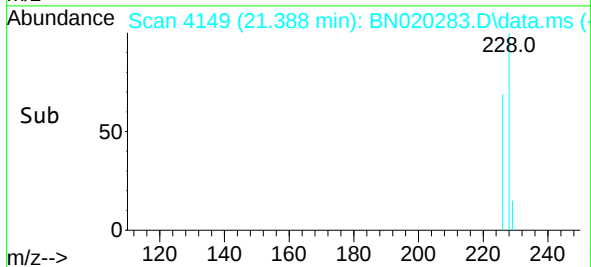
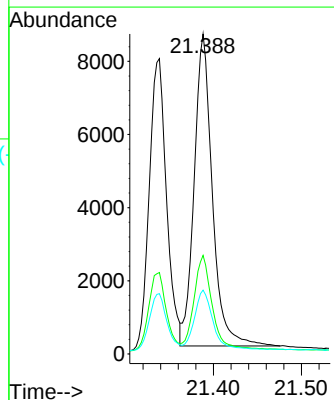
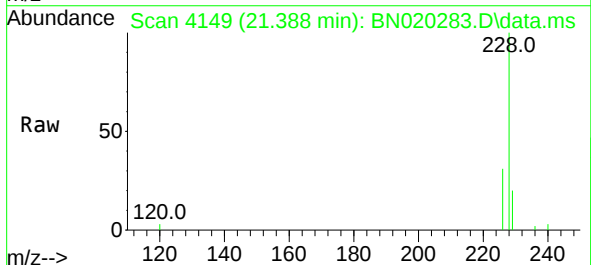
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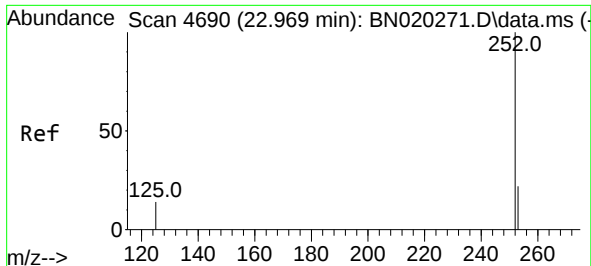
Tgt Ion:228 Resp: 11006
Ion Ratio Lower Upper
228 100
229 20.4 16.0 24.0
226 27.6 21.8 32.6



#22
Chrysene
Concen: 0.329 ng/ul
RT: 21.388 min Scan# 4149
Delta R.T. 0.000 min
Lab File: BN020283.D
Acq: 20 Jun 2022 17:53

Tgt Ion:228 Resp: 12271
Ion Ratio Lower Upper
228 100
226 30.8 24.7 37.1
229 20.0 16.0 24.0

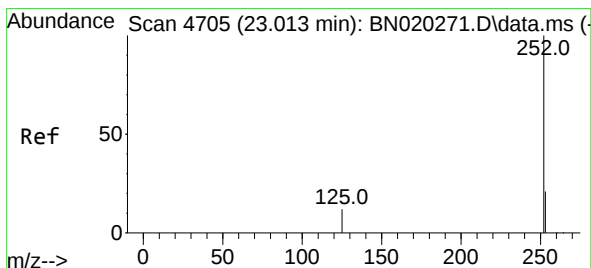
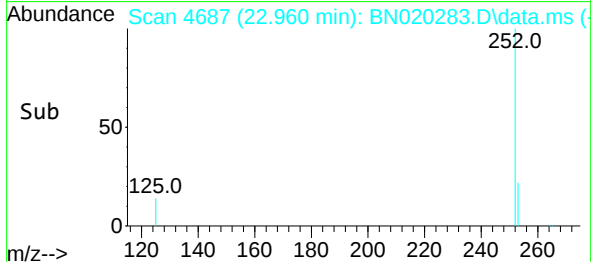
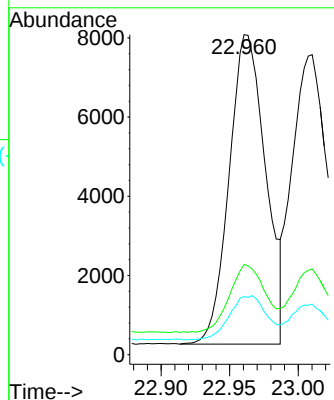
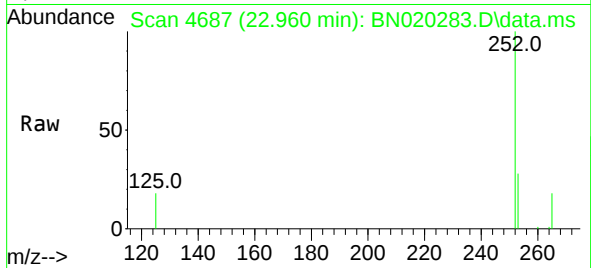




#24
Benzo(b)fluoranthene
Concen: 0.230 ng/ul
RT: 22.960 min Scan# 41
Delta R.T. -0.006 min
Lab File: BN020283.D
Acq: 20 Jun 2022 17:53

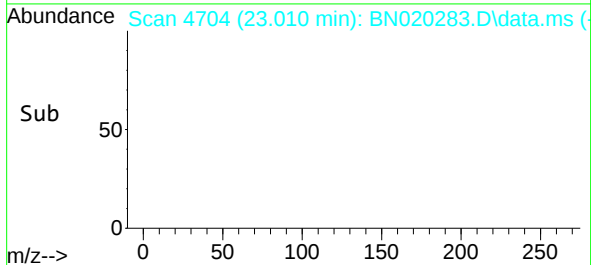
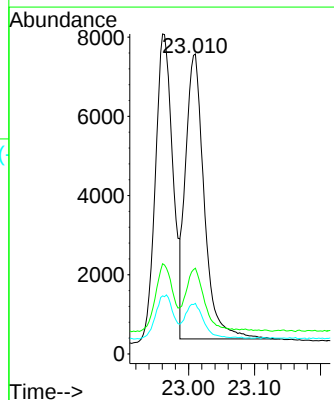
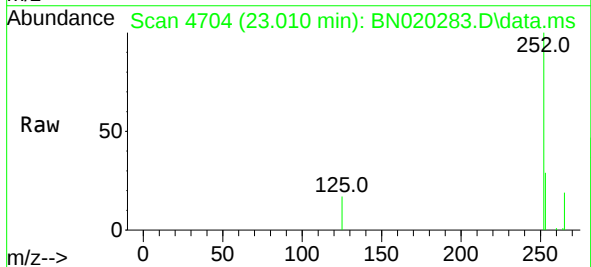
Instrument :
BNA_N
ClientSampleId :
EW4Q7MS

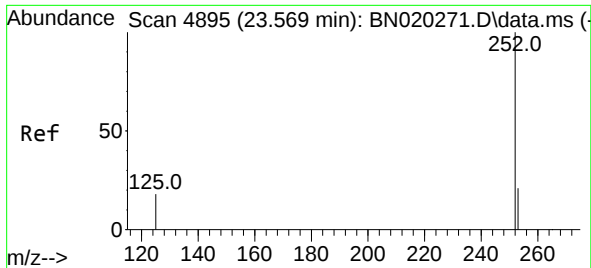
Tgt Ion:252 Resp: 14497
Ion Ratio Lower Upper
252 100
253 28.2 0.0 49.4
125 18.2 0.0 33.2



#25
Benzo(k)fluoranthene
Concen: 0.241 ng/ul
RT: 23.010 min Scan# 4704
Delta R.T. 0.000 min
Lab File: BN020283.D
Acq: 20 Jun 2022 17:53

Tgt Ion:252 Resp: 14125
Ion Ratio Lower Upper
252 100
253 28.6 20.2 30.4
125 16.9 12.3 18.5

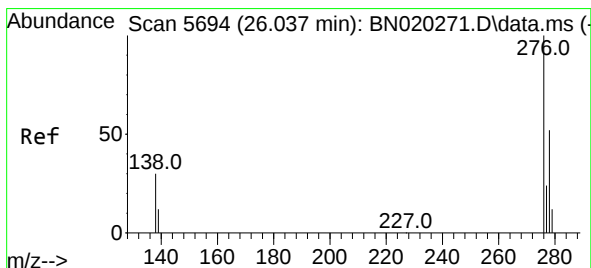
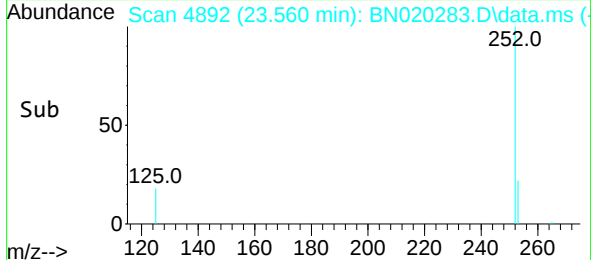
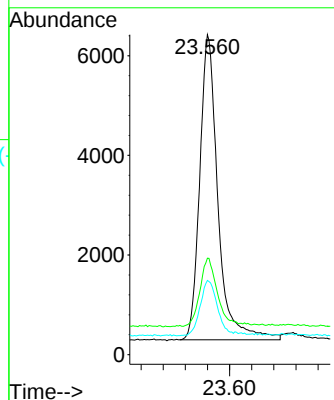
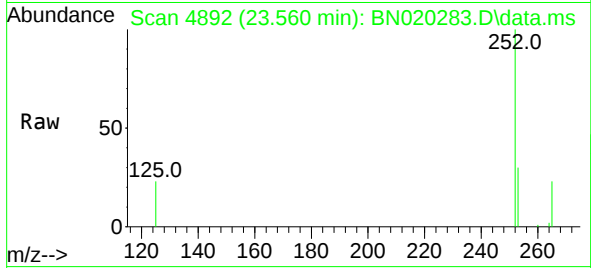




#26
Benzo(a)pyrene
Concen: 0.351 ng/ul
RT: 23.560 min Scan# 4892
Delta R.T. -0.003 min
Lab File: BN020283.D
Acq: 20 Jun 2022 17:53

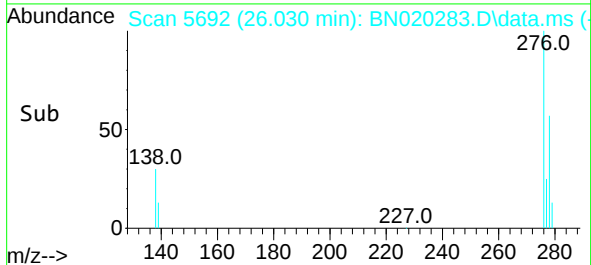
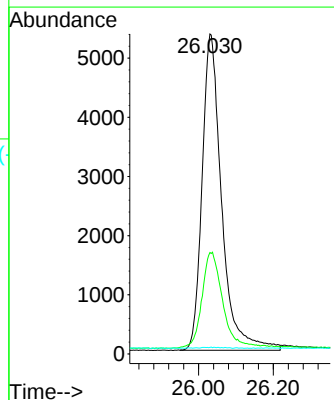
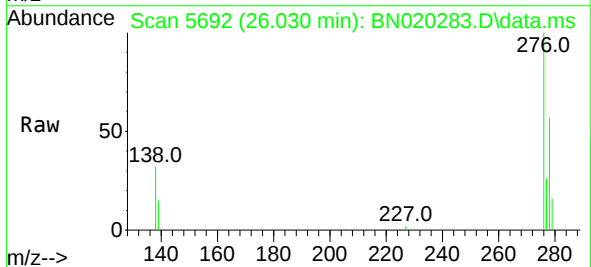
Instrument :
BNA_N
ClientSampleId :
EW4Q7MS

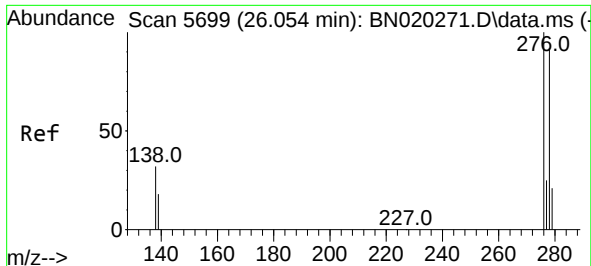
Tgt Ion:252 Resp: 14000
Ion Ratio Lower Upper
252 100
253 30.1 21.7 32.5
125 23.2 18.6 28.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.298 ng/ul
RT: 26.030 min Scan# 5692
Delta R.T. -0.010 min
Lab File: BN020283.D
Acq: 20 Jun 2022 17:53

Tgt Ion:276 Resp: 19381
Ion Ratio Lower Upper
276 100
138 32.7 26.5 39.7
227 0.2 0.0 0.0#

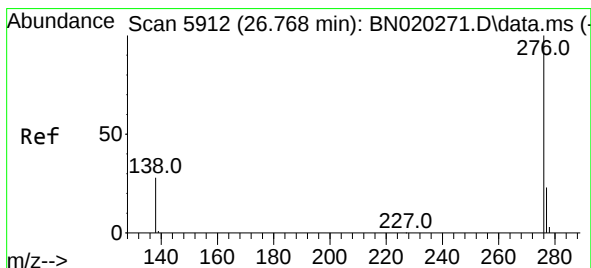
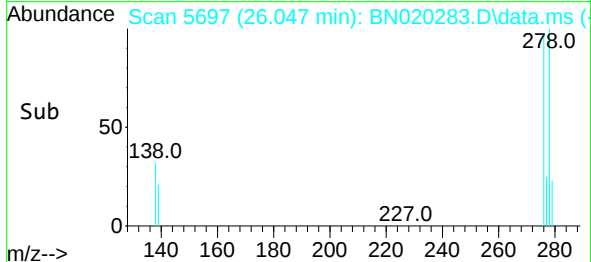
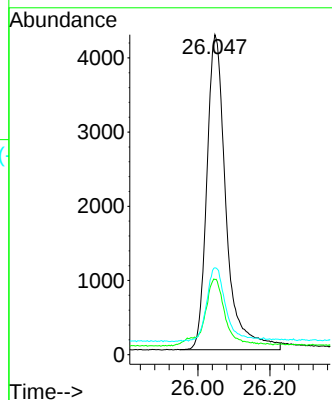
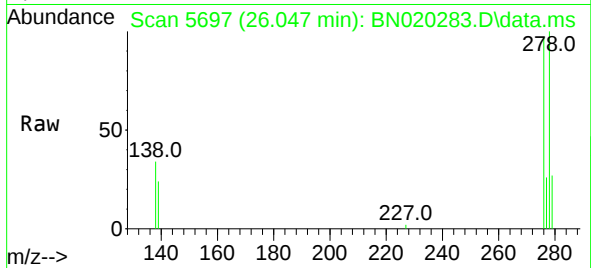




#28
 Dibenzo(a,h)anthracene
 Concen: 0.304 ng/ul
 RT: 26.047 min Scan# 51
 Delta R.T. -0.003 min
 Lab File: BN020283.D
 Acq: 20 Jun 2022 17:53

Instrument :
 BNA_N
 ClientSampleId :
 EW4Q7MS

Tgt Ion:278 Resp: 15730
 Ion Ratio Lower Upper
 278 100
 139 23.5 18.2 27.2
 279 27.2 20.8 31.2



#29
 Benzo(g,h,i)perylene
 Concen: 0.308 ng/ul
 RT: 26.755 min Scan# 5908
 Delta R.T. -0.010 min
 Lab File: BN020283.D
 Acq: 20 Jun 2022 17:53

Tgt Ion:276 Resp: 17629
 Ion Ratio Lower Upper
 276 100
 138 29.0 23.0 34.4
 277 24.2 19.7 29.5

