

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062122\
 Data File : BN020333.D
 Acq On : 22 Jun 2022 07:04
 Operator : CG/JU
 Sample : PB145637BS
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS637

Quant Time: Jun 22 07:41:37 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

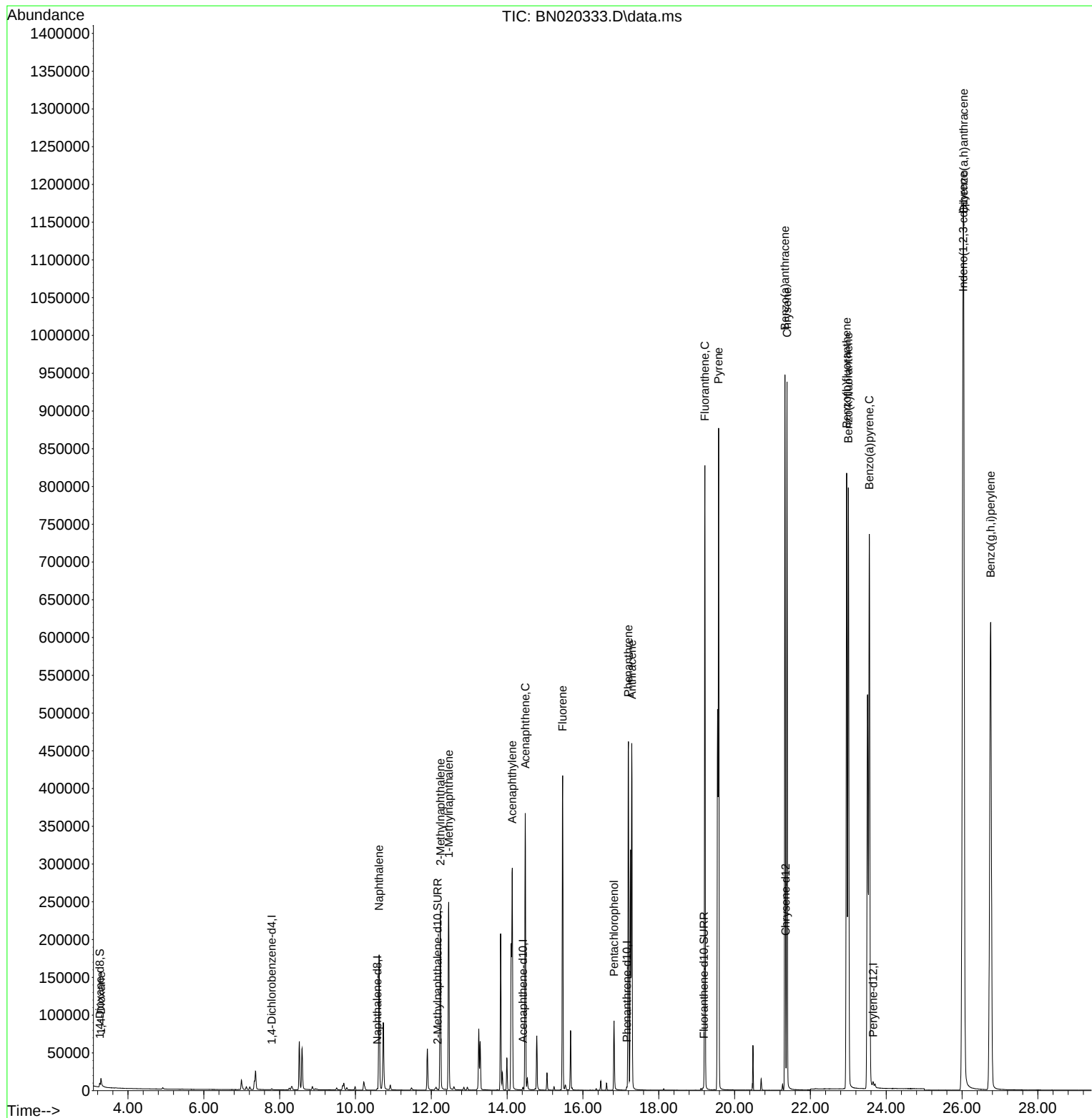
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.792	152	702	0.400	ng/ul	0.00
4) Naphthalene-d8	10.573	136	2709	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.418	164	2016	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.158	188	5034	0.400	ng/ul	0.00
17) Chrysene-d12	21.347	240	7043	0.400	ng/ul	0.00
23) Perylene-d12	23.653	264	9882	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.256	96	4109	5.126	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.168	152	1298	0.290	ng/ul	-0.01
18) Fluoranthene-d10	19.188	212	5626	0.387	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.290	88	8271	10.720	ng/ul#	56
5) Naphthalene	10.623	128	252967	29.194	ng/ul#	93
7) 2-Methylnaphthalene	12.239	142	174069	31.063	ng/ul	99
8) 1-Methylnaphthalene	12.459	142	177726	32.234	ng/ul	100
10) Acenaphthylene	14.136	152	328248	34.044	ng/ul	96
11) Acenaphthene	14.479	153	219514	23.810	ng/ul	97
12) Fluorene	15.464	166	271368	28.419	ng/ul	99
14) Pentachlorophenol	16.820	266	60620	62.701	ng/ul	99
15) Phenanthrene	17.200	178	503928	27.660	ng/ul	98
16) Anthracene	17.289	178	493126	31.990	ng/ul	97
19) Fluoranthene	19.216	202	695440	24.459	ng/ul	99
20) Pyrene	19.578	202	723998	23.500	ng/ul	97
21) Benzo(a)anthracene	21.330	228	854133	31.234	ng/ul	100
22) Chrysene	21.382	228	802636	23.576	ng/ul	99
24) Benzo(b)fluoranthene	22.954	252	1108463	15.710	ng/ul	92
25) Benzo(k)fluoranthene	23.001	252	1022362	15.549	ng/ul#	93
26) Benzo(a)pyrene	23.554	252	1055204	23.598	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.030	276	1511412	20.772	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.044	278	1207062	20.800	ng/ul	96
29) Benzo(g,h,i)perylene	26.755	276	1345882	20.960	ng/ul	97

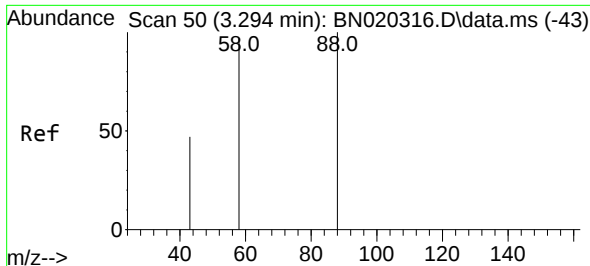
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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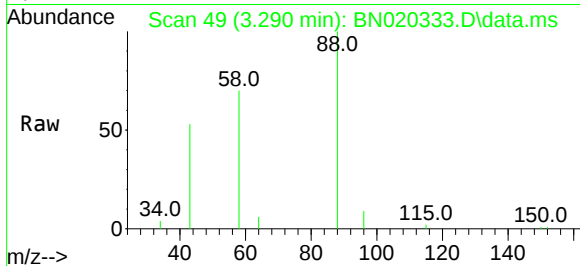
Quant Time: Jun 22 07:41:37 2022
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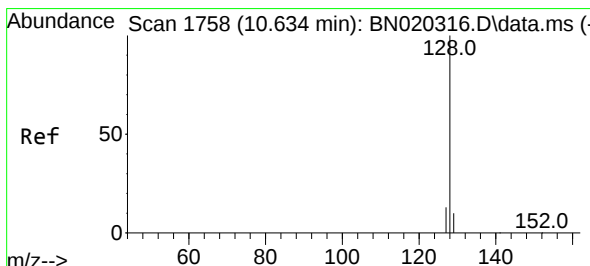
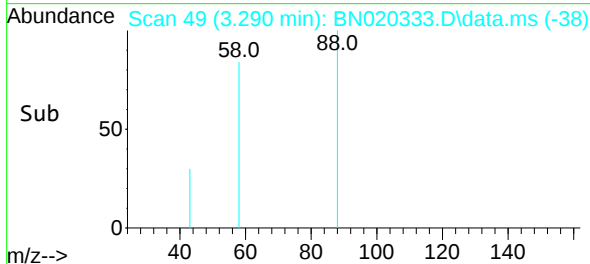
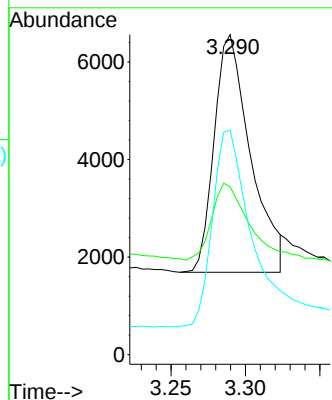


#2
1,4-Dioxane
Concen: 10.720 ng/ul
RT: 3.290 min Scan# 49
Delta R.T. -0.004 min
Lab File: BN020333.D
Acq: 22 Jun 2022 07:04

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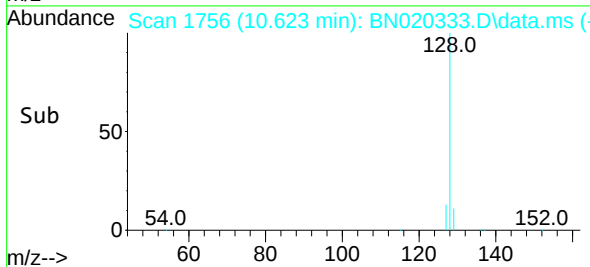
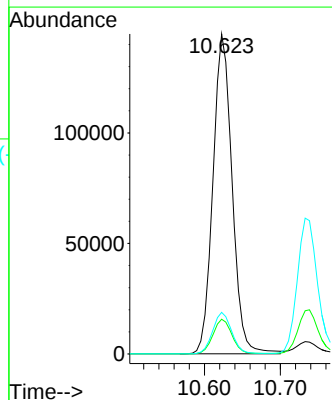
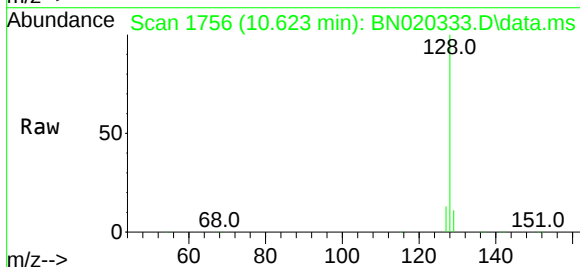


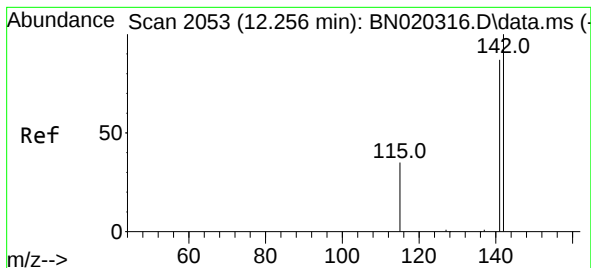
Tgt Ion: 88 Resp: 8271
Ion Ratio Lower Upper
88 100
43 52.5 31.6 47.4#
58 70.1 23.8 35.6#



#5
Naphthalene
Concen: 29.194 ng/ul
RT: 10.623 min Scan# 1756
Delta R.T. -0.011 min
Lab File: BN020333.D
Acq: 22 Jun 2022 07:04

Tgt Ion: 128 Resp: 252967
Ion Ratio Lower Upper
128 100
129 10.9 11.0 16.4#
127 13.0 12.8 19.2

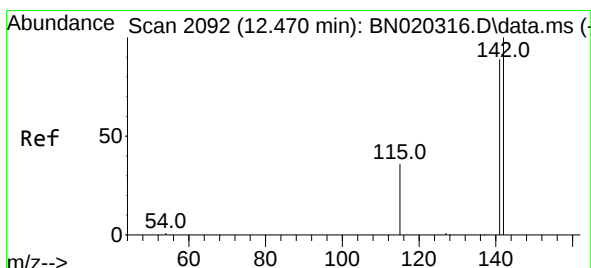
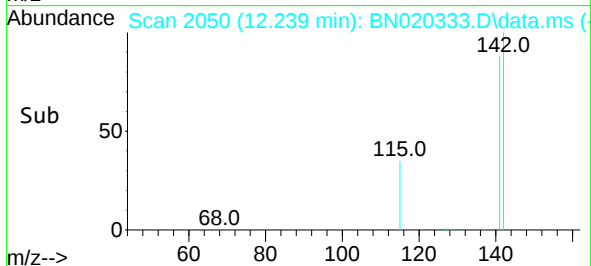
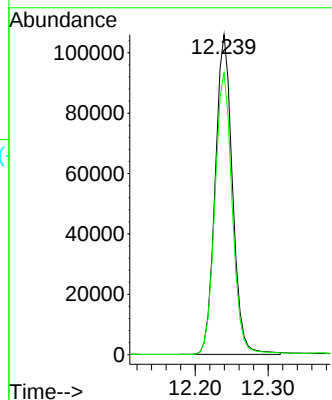
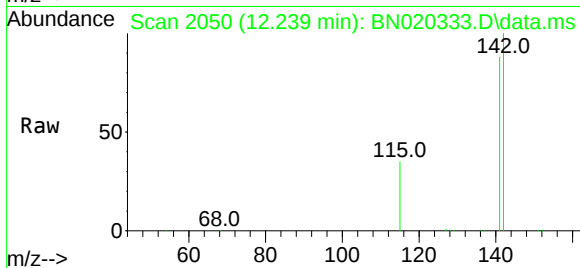




#7
2-Methylnaphthalene
Concen: 31.063 ng/ul
RT: 12.239 min Scan# 2050
Delta R.T. -0.011 min
Lab File: BN020333.D
Acq: 22 Jun 2022 07:04

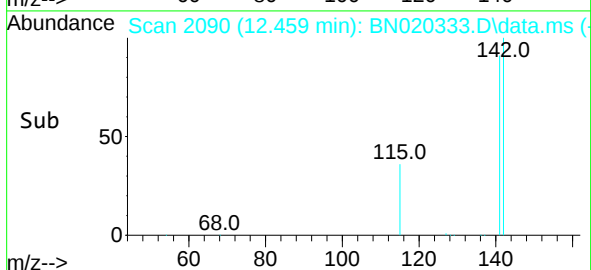
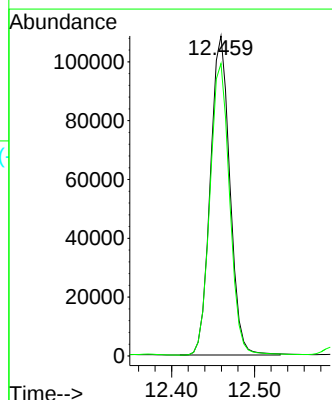
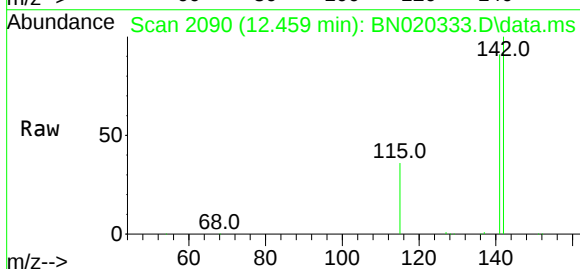
Instrument :
BNA_N
ClientSampleId :
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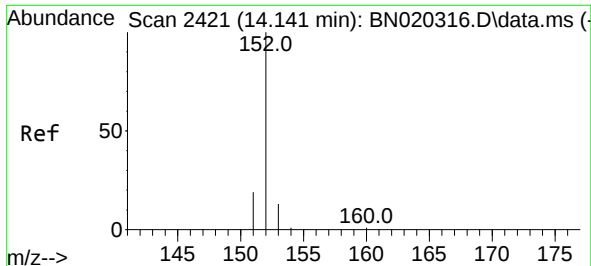
Tgt Ion:142 Resp: 174069
Ion Ratio Lower Upper
142 100
141 88.8 71.8 107.8



#8
1-Methylnaphthalene
Concen: 32.234 ng/ul
RT: 12.459 min Scan# 2090
Delta R.T. -0.006 min
Lab File: BN020333.D
Acq: 22 Jun 2022 07:04

Tgt Ion:142 Resp: 177726
Ion Ratio Lower Upper
142 100
141 92.0 73.4 110.0

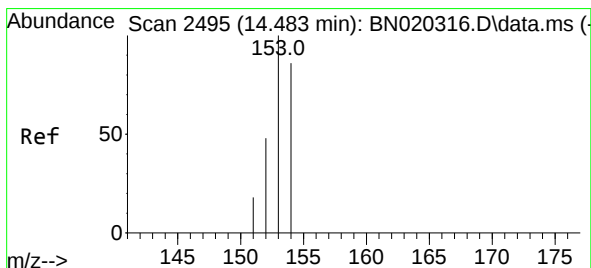
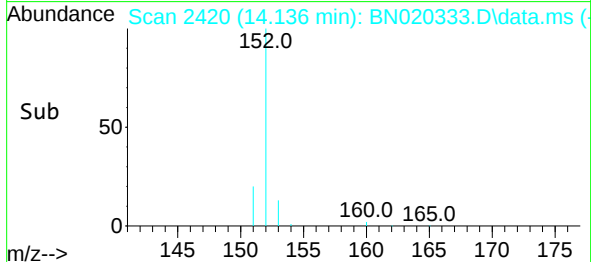
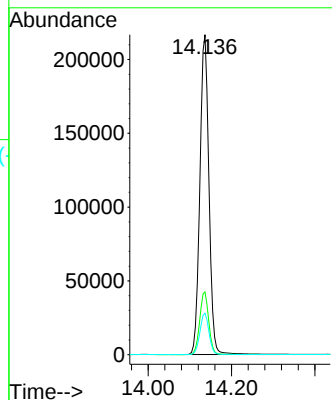
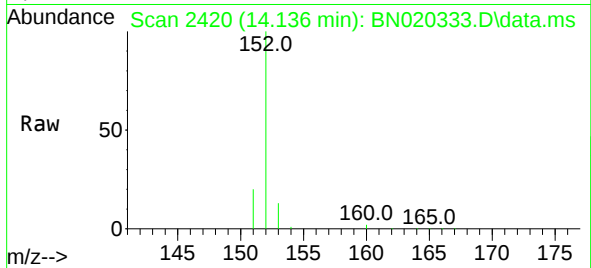




#10
Acenaphthylene
Concen: 34.044 ng/ul
RT: 14.136 min Scan# 2421
Delta R.T. -0.005 min
Lab File: BN020333.D
Acq: 22 Jun 2022 07:04

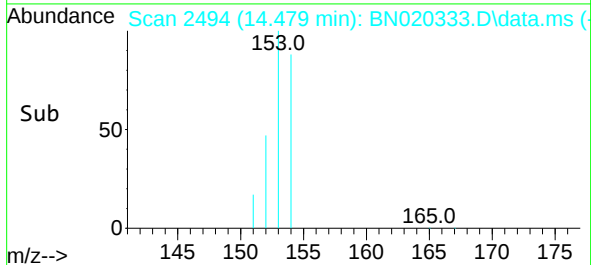
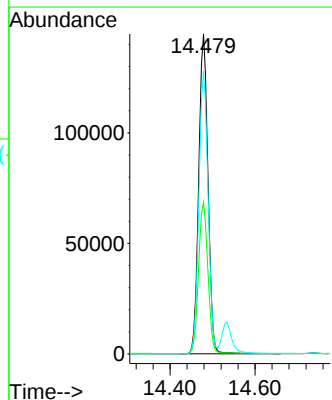
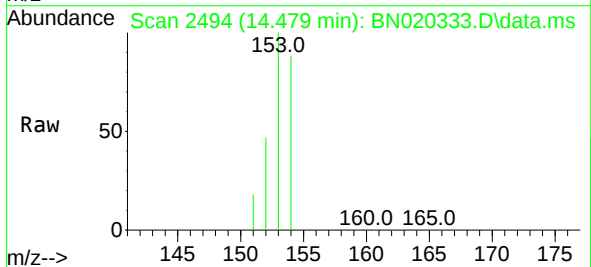
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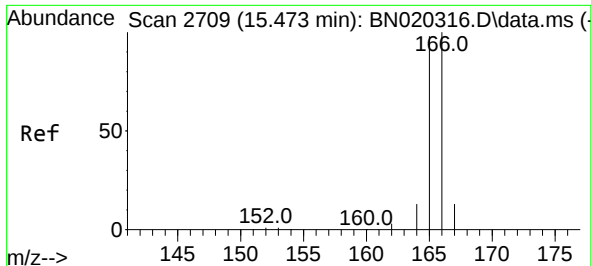
Tgt Ion:152 Resp: 328248
Ion Ratio Lower Upper
152 100
151 19.6 17.2 25.8
153 13.0 11.7 17.5



#11
Acenaphthene
Concen: 23.810 ng/ul
RT: 14.479 min Scan# 2494
Delta R.T. -0.005 min
Lab File: BN020333.D
Acq: 22 Jun 2022 07:04

Tgt Ion:153 Resp: 219514
Ion Ratio Lower Upper
153 100
152 47.4 39.9 59.9
154 88.3 69.2 103.8

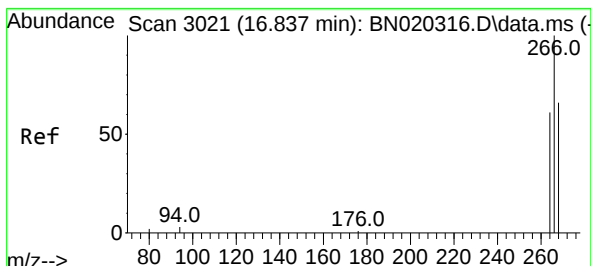
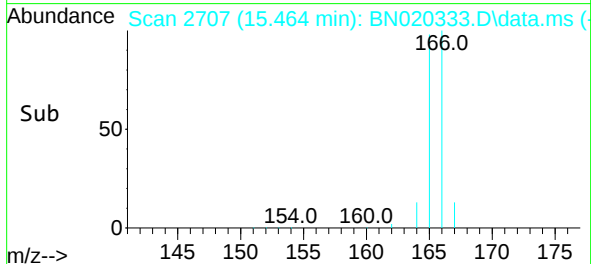
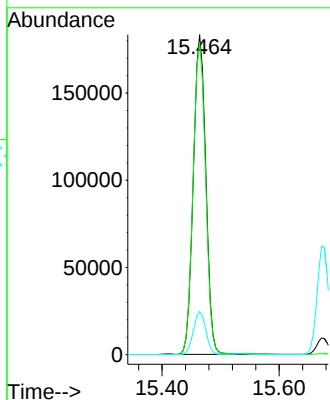
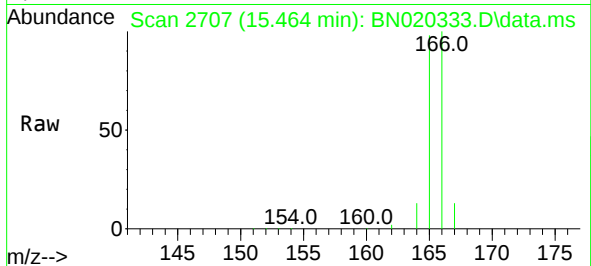




#12
 Fluorene
 Concen: 28.419 ng/ul
 RT: 15.464 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN020333.D
 Acq: 22 Jun 2022 07:04

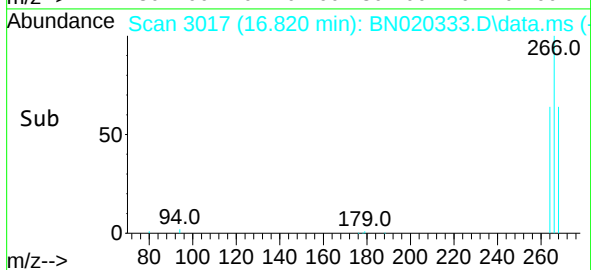
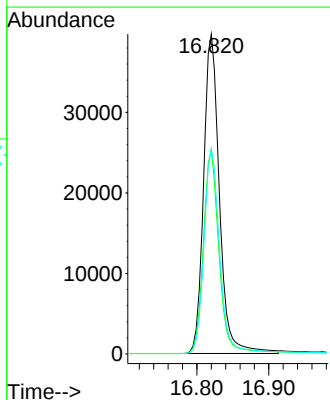
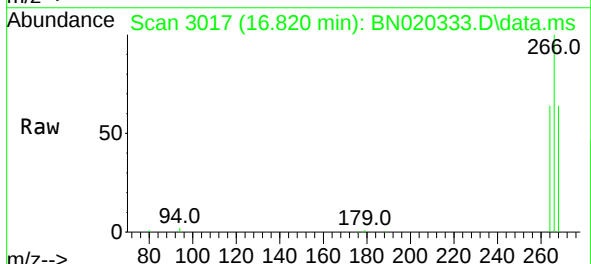
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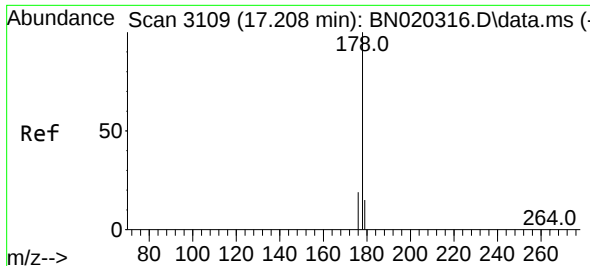
Tgt Ion:166 Resp: 271368
 Ion Ratio Lower Upper
 166 100
 165 97.6 78.2 117.4
 167 13.4 12.1 18.1



#14
 Pentachlorophenol
 Concen: 62.701 ng/ul
 RT: 16.820 min Scan# 3017
 Delta R.T. -0.017 min
 Lab File: BN020333.D
 Acq: 22 Jun 2022 07:04

Tgt Ion:266 Resp: 60620
 Ion Ratio Lower Upper
 266 100
 264 63.1 49.8 74.8
 268 63.7 51.8 77.6

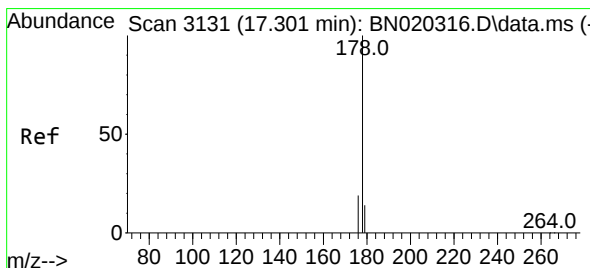
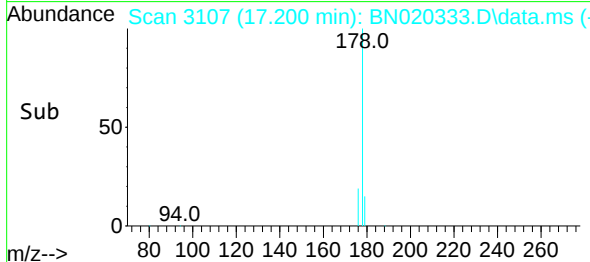
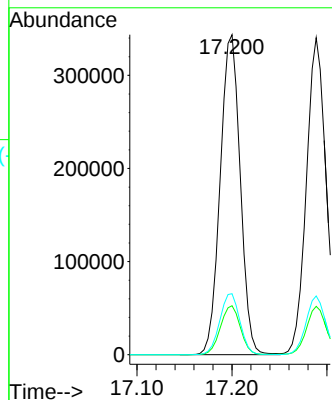
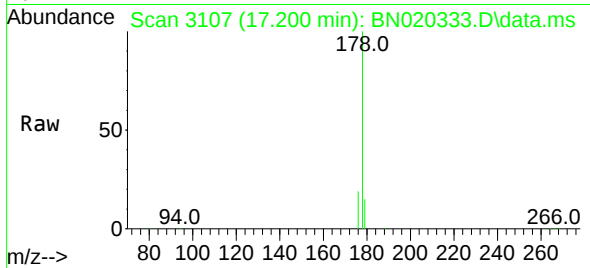




#15
Phenanthrene
Concen: 27.660 ng/u1
RT: 17.200 min Scan# 3109
Delta R.T. -0.004 min
Lab File: BN020333.D
Acq: 22 Jun 2022 07:04

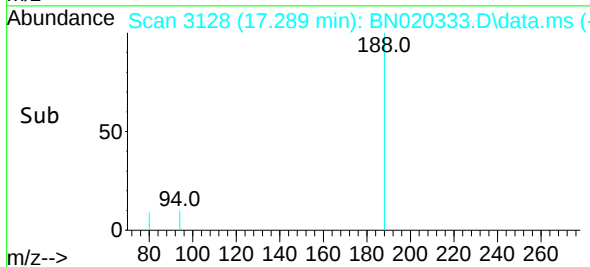
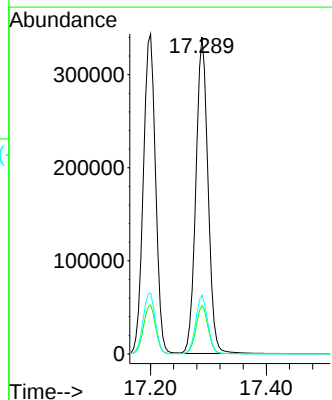
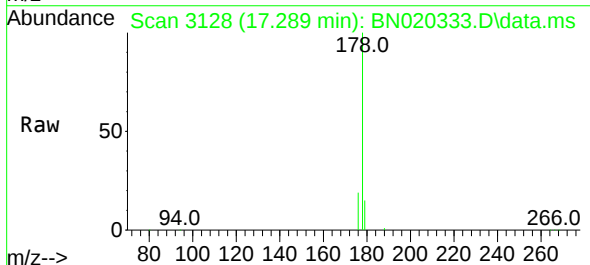
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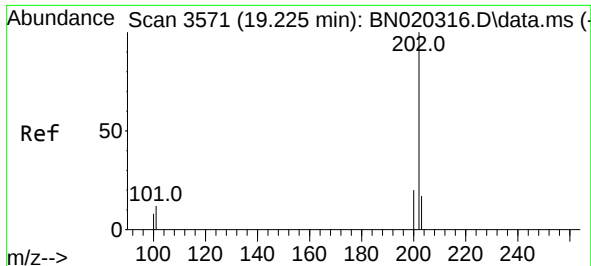
Tgt Ion:178 Resp: 503928
Ion Ratio Lower Upper
178 100
179 15.3 13.4 20.0
176 19.0 15.8 23.6



#16
Anthracene
Concen: 31.990 ng/u1
RT: 17.289 min Scan# 3128
Delta R.T. -0.013 min
Lab File: BN020333.D
Acq: 22 Jun 2022 07:04

Tgt Ion:178 Resp: 493126
Ion Ratio Lower Upper
178 100
179 15.3 13.8 20.8
176 18.5 15.6 23.4

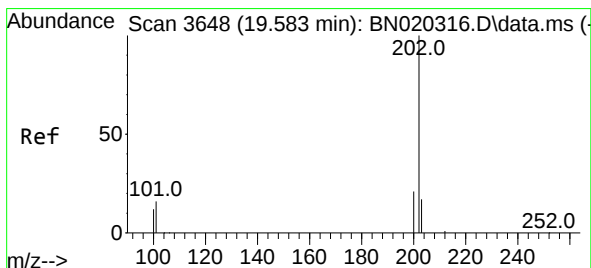
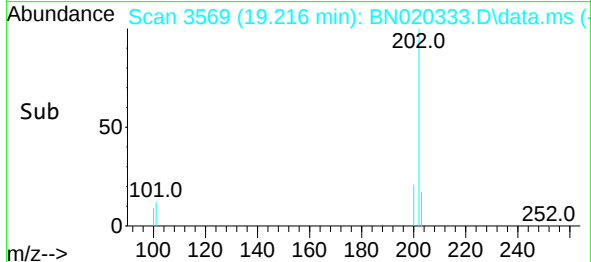
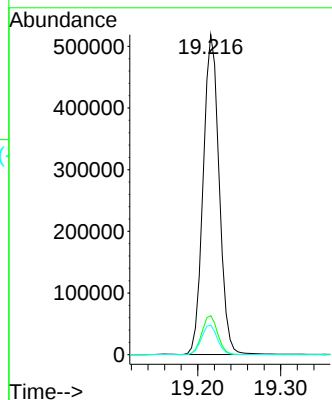
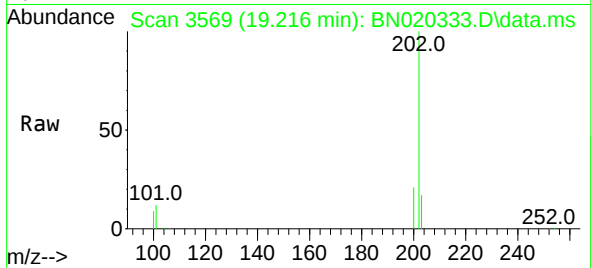




#19
Fluoranthene
Concen: 24.459 ng/u1
RT: 19.216 min Scan# 3569
Delta R.T. -0.009 min
Lab File: BN020333.D
Acq: 22 Jun 2022 07:04

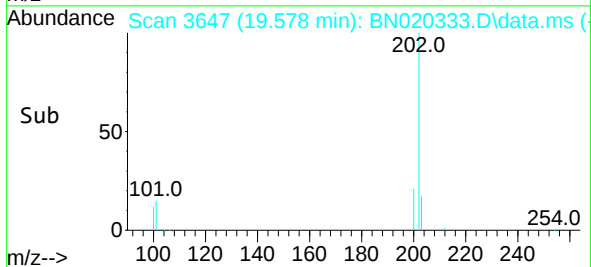
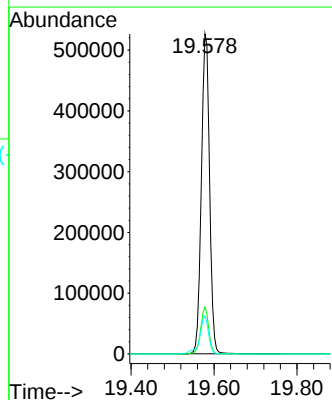
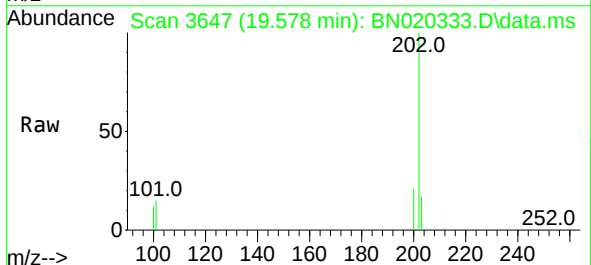
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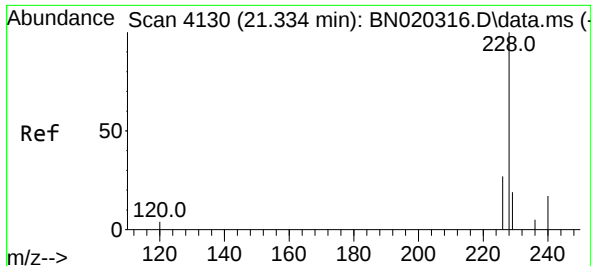
Tgt Ion:202 Resp: 695440
Ion Ratio Lower Upper
202 100
101 12.2 9.9 14.9
100 9.2 7.6 11.4



#20
Pyrene
Concen: 23.500 ng/u1
RT: 19.578 min Scan# 3647
Delta R.T. -0.005 min
Lab File: BN020333.D
Acq: 22 Jun 2022 07:04

Tgt Ion:202 Resp: 723998
Ion Ratio Lower Upper
202 100
101 14.6 12.6 19.0
100 11.8 10.3 15.5

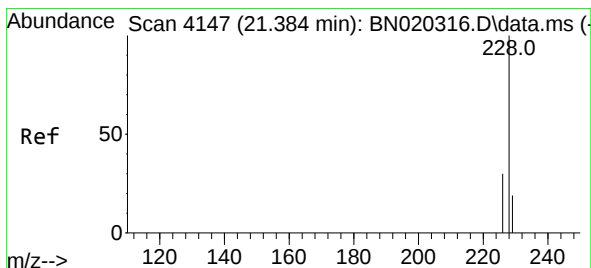
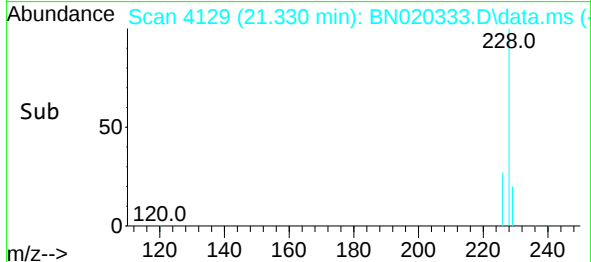
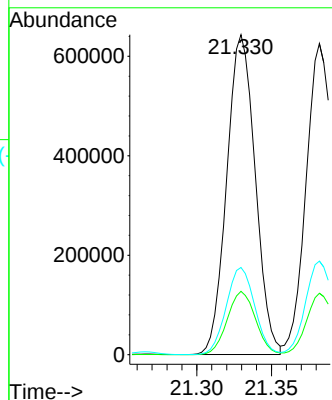
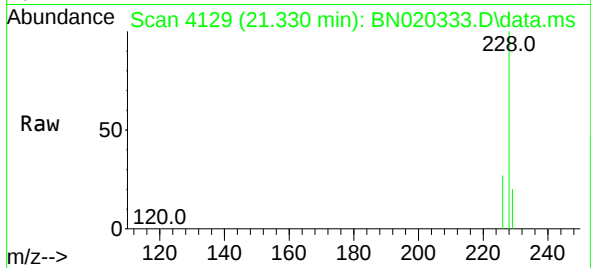




#21
Benzo(a)anthracene
Concen: 31.234 ng/ul
RT: 21.330 min Scan# 4130
Delta R.T. -0.009 min
Lab File: BN020333.D
Acq: 22 Jun 2022 07:04

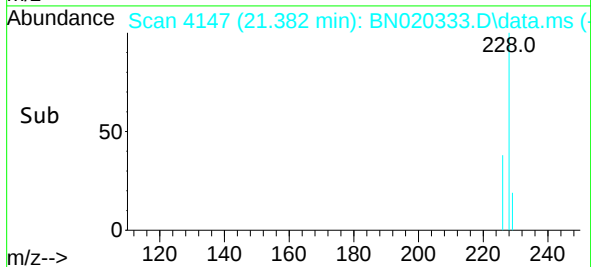
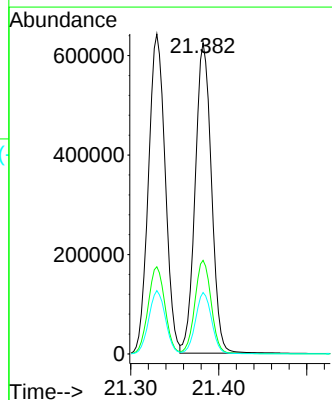
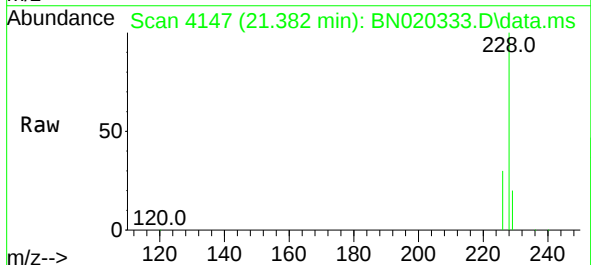
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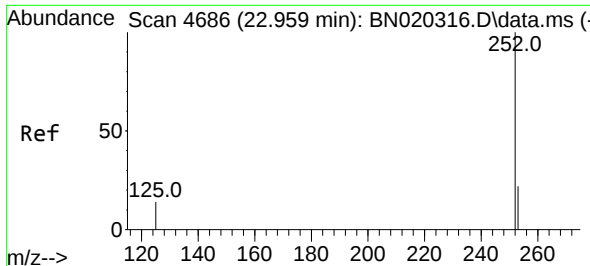
Tgt Ion:228 Resp: 854133
Ion Ratio Lower Upper
228 100
229 19.8 16.0 24.0
226 27.2 21.8 32.6



#22
Chrysene
Concen: 23.576 ng/ul
RT: 21.382 min Scan# 4147
Delta R.T. -0.006 min
Lab File: BN020333.D
Acq: 22 Jun 2022 07:04

Tgt Ion:228 Resp: 802636
Ion Ratio Lower Upper
228 100
226 30.1 24.7 37.1
229 19.8 16.0 24.0

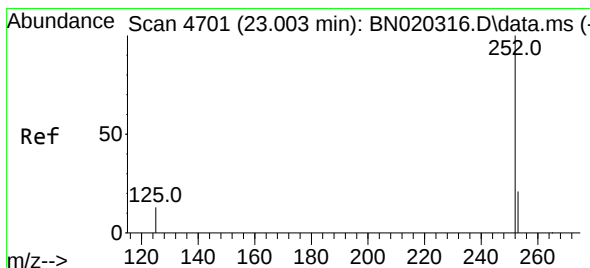
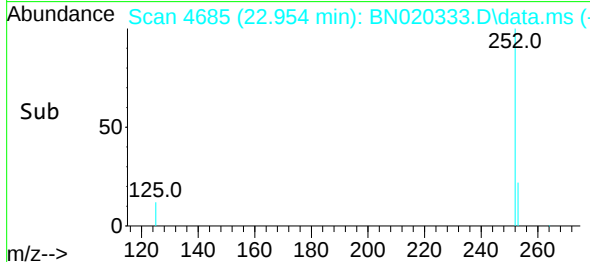
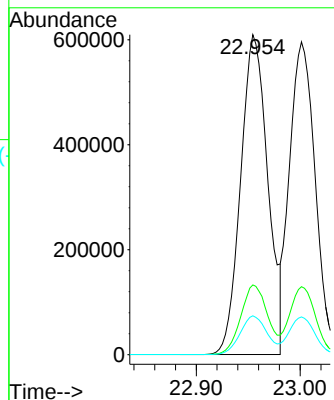
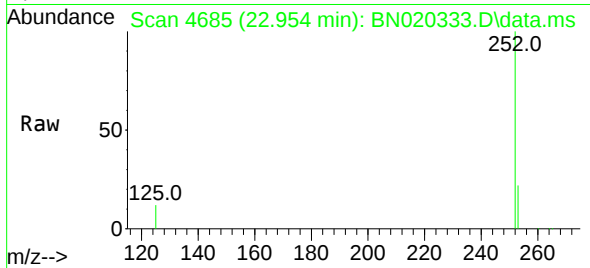




#24
Benzo(b)fluoranthene
Concen: 15.710 ng/ul
RT: 22.954 min Scan# 4685
Delta R.T. -0.012 min
Lab File: BN020333.D
Acq: 22 Jun 2022 07:04

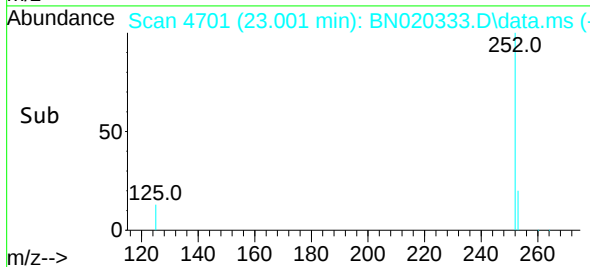
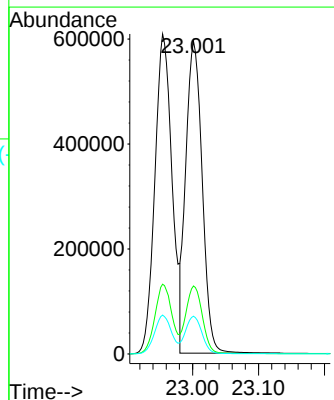
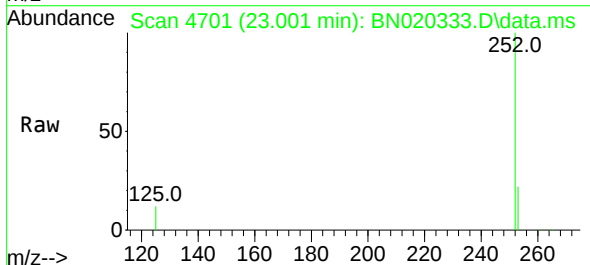
Instrument :
BNA_N
ClientSampleId :
SLCS637

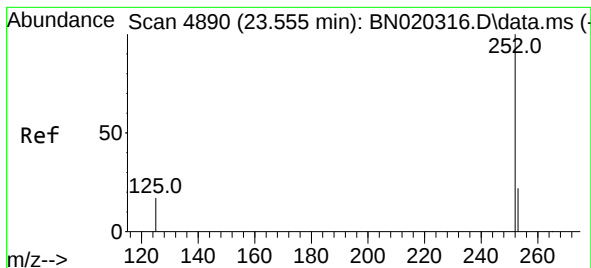
Tgt Ion:252 Resp: 1108463
Ion Ratio Lower Upper
252 100
253 21.8 0.0 49.4
125 12.1 0.0 33.2



#25
Benzo(k)fluoranthene
Concen: 15.549 ng/ul
RT: 23.001 min Scan# 4701
Delta R.T. -0.009 min
Lab File: BN020333.D
Acq: 22 Jun 2022 07:04

Tgt Ion:252 Resp: 1022362
Ion Ratio Lower Upper
252 100
253 21.7 20.2 30.4
125 12.1 12.3 18.5#





#26

Benzo(a)pyrene

Concen: 23.598 ng/ul

RT: 23.554 min Scan# 4890

Delta R.T. -0.009 min

Lab File: BN020333.D

Acq: 22 Jun 2022 07:04

Instrument :

BNA_N

ClientSampleId :

SLCS637

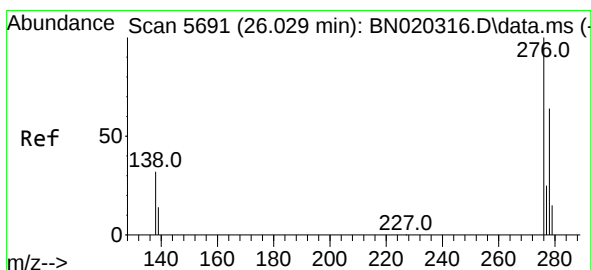
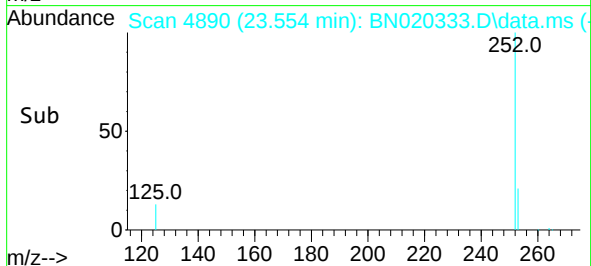
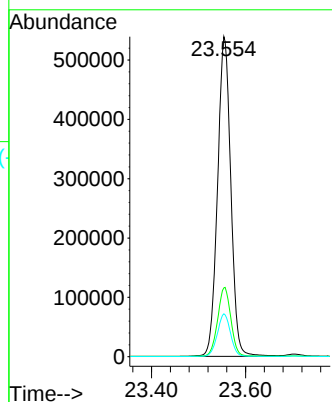
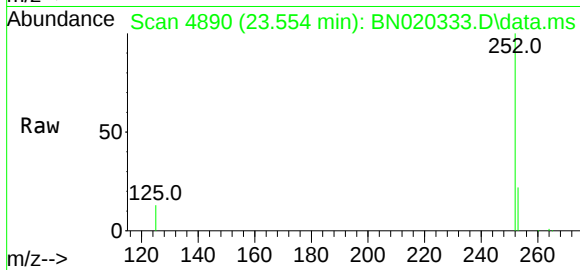
Tgt Ion:252 Resp: 1055204

Ion Ratio Lower Upper

252 100

253 21.5 21.7 32.5#

125 13.4 18.6 28.0#



#27

Indeno(1,2,3-cd)pyrene

Concen: 20.772 ng/ul

RT: 26.030 min Scan# 5692

Delta R.T. -0.010 min

Lab File: BN020333.D

Acq: 22 Jun 2022 07:04

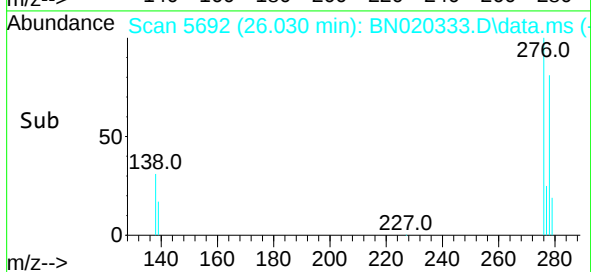
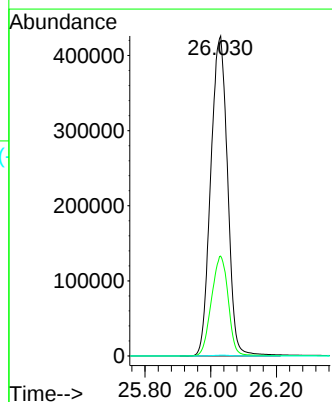
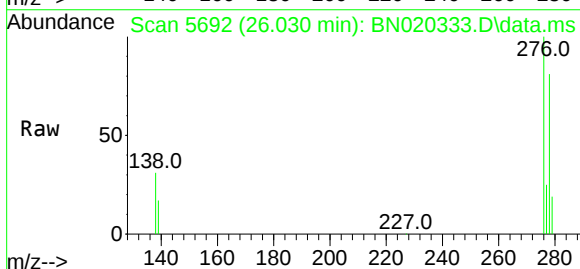
Tgt Ion:276 Resp: 1511412

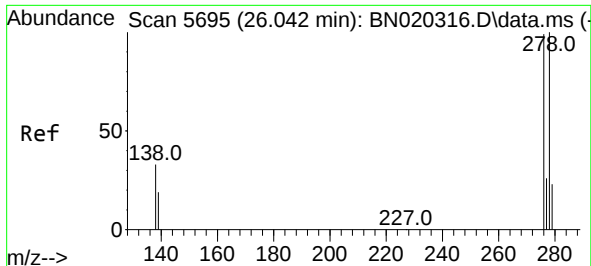
Ion Ratio Lower Upper

276 100

138 31.2 26.5 39.7

227 0.2 0.0 0.0#

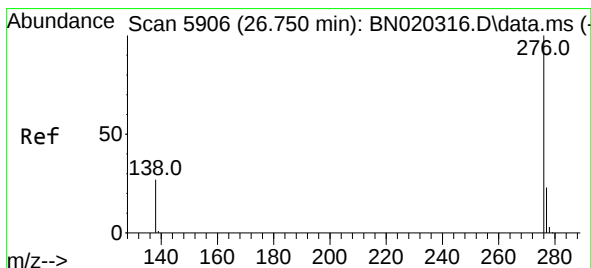
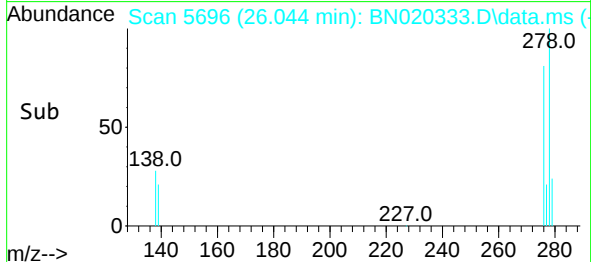
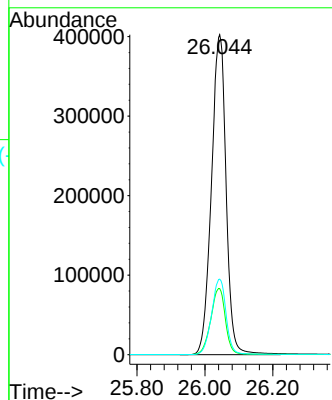
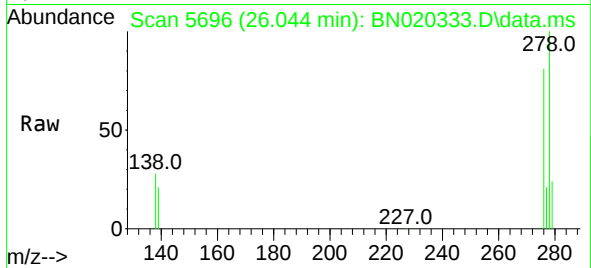




#28
Dibenzo(a,h)anthracene
Concen: 20.800 ng/ul
RT: 26.044 min Scan# 50
Delta R.T. -0.007 min
Lab File: BN020333.D
Acq: 22 Jun 2022 07:04

Instrument :
BNA_N
ClientSampleId :
SLCS637

Tgt Ion:278 Resp: 1207062
Ion Ratio Lower Upper
278 100
139 20.6 18.2 27.2
279 23.6 20.8 31.2



#29
Benzo(g,h,i)perylene
Concen: 20.960 ng/ul
RT: 26.755 min Scan# 5908
Delta R.T. -0.010 min
Lab File: BN020333.D
Acq: 22 Jun 2022 07:04

Tgt Ion:276 Resp: 1345882
Ion Ratio Lower Upper
276 100
138 26.6 23.0 34.4
277 23.7 19.7 29.5

