

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061822\
 Data File : BN020269.D
 Acq On : 18 Jun 2022 21:53
 Operator : CG/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SICV208

Quant Time: Jun 20 01:26:56 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)

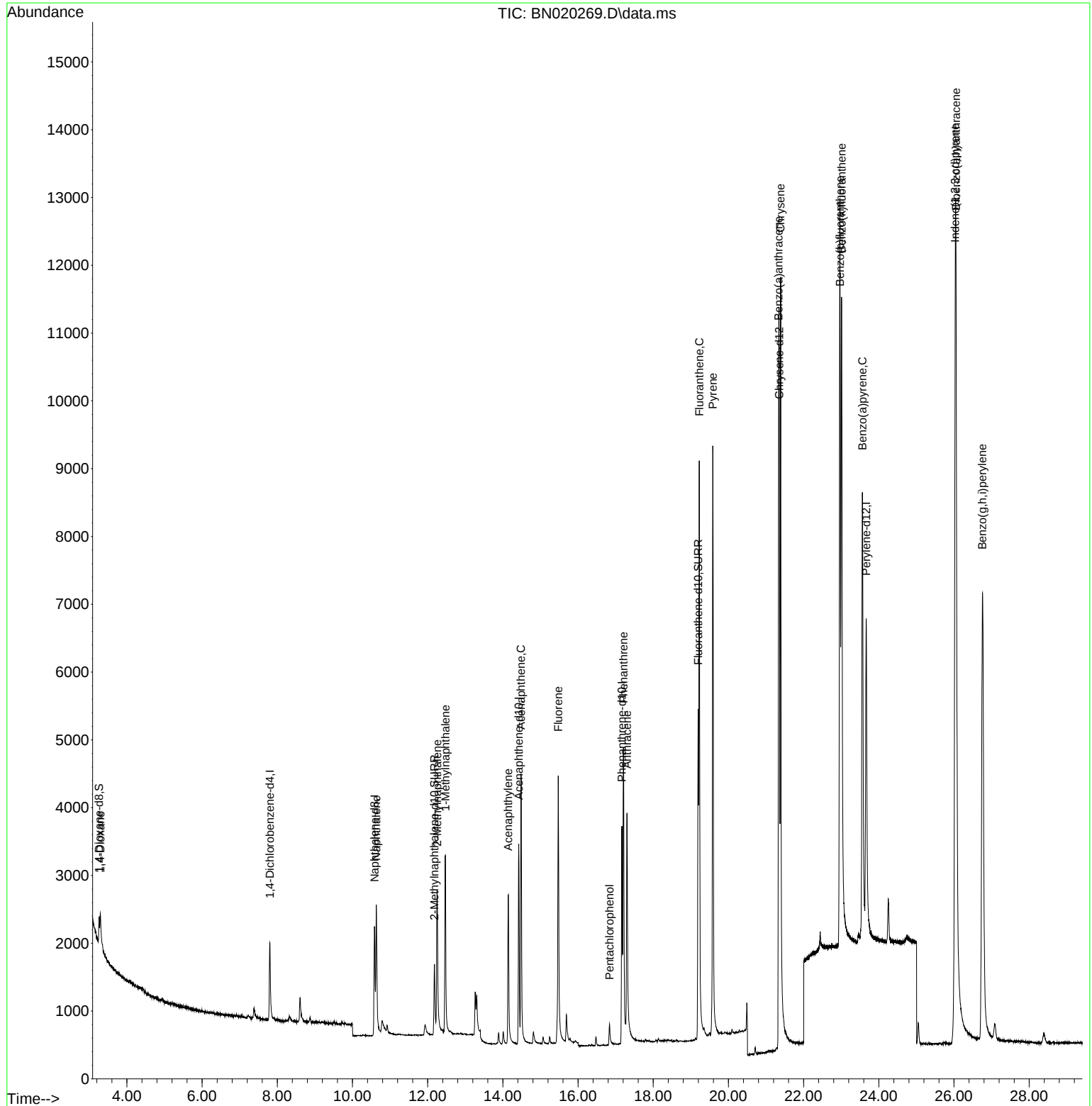
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.800	152	834	0.400	ng/ul	0.00
4) Naphthalene-d8	10.584	136	2890	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.423	164	1892	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.166	188	4488	0.400	ng/ul	0.00
17) Chrysene-d12	21.355	240	7150	0.400	ng/ul	0.00
23) Perylene-d12	23.667	264	7237	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.260	96	369	0.387	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.179	152	1774	0.371	ng/ul	0.00
18) Fluoranthene-d10	19.192	212	5978	0.405	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.298	88	316	0.345	ng/ul#	78
5) Naphthalene	10.634	128	3288	0.356	ng/ul	99
7) 2-Methylnaphthalene	12.251	142	2014	0.337	ng/ul	99
8) 1-Methylnaphthalene	12.470	142	2210	0.376	ng/ul	99
10) Acenaphthylene	14.146	152	3316	0.366	ng/ul	98
11) Acenaphthene	14.483	153	2718	0.314	ng/ul	99
12) Fluorene	15.473	166	3191	0.356	ng/ul	99
14) Pentachlorophenol	16.837	266	309	0.358	ng/ul	97
15) Phenanthrene	17.209	178	5774	0.355	ng/ul	98
16) Anthracene	17.301	178	4905	0.357	ng/ul	98
19) Fluoranthene	19.225	202	8306	0.288	ng/ul	98
20) Pyrene	19.587	202	8903	0.285	ng/ul	98
21) Benzo(a)anthracene	21.337	228	8918	0.321	ng/ul	99
22) Chrysene	21.387	228	11224	0.325	ng/ul	100
24) Benzo(b)fluoranthene	22.965	252	15571	0.301	ng/ul	97
25) Benzo(k)fluoranthene	23.009	252	15230	0.316	ng/ul	99
26) Benzo(a)pyrene	23.561	252	11674	0.356	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.032	276	18708	0.351	ng/ul#	42
28) Dibenzo(a,h)anthracene	26.052	278	14943	0.352	ng/ul	99
29) Benzo(g,h,i)perylene	26.756	276	16541	0.352	ng/ul	100

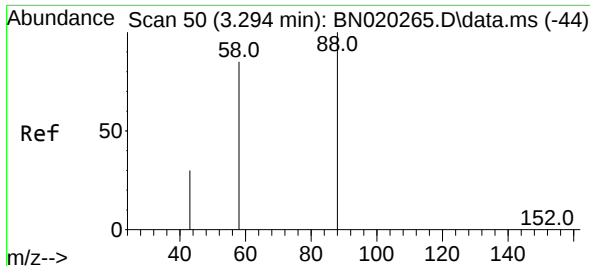
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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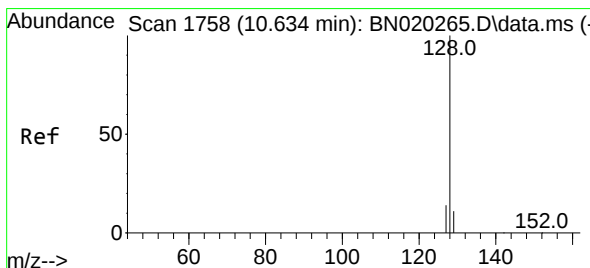
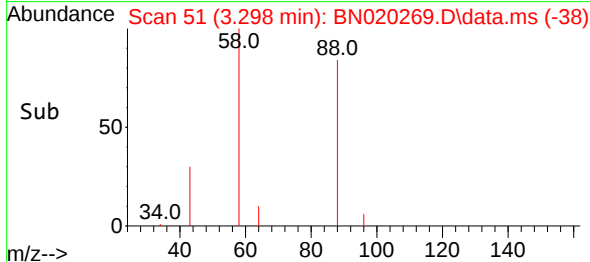
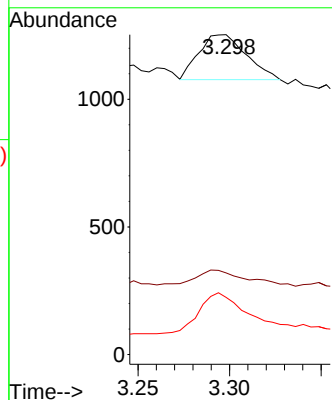
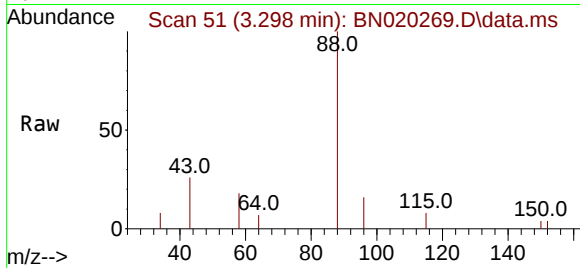




#2
1,4-Dioxane
Concen: 0.345 ng/ul
RT: 3.298 min Scan# 51
Delta R.T. 0.004 min
Lab File: BN020269.D
Acq: 18 Jun 2022 21:53

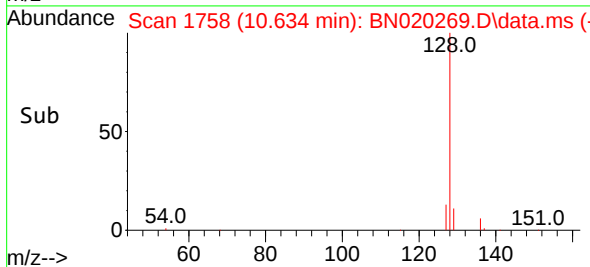
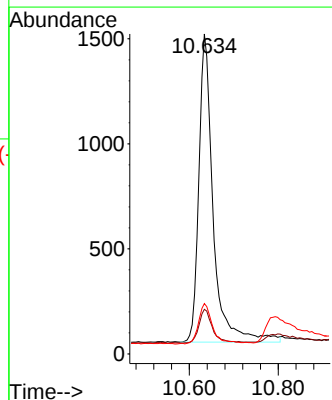
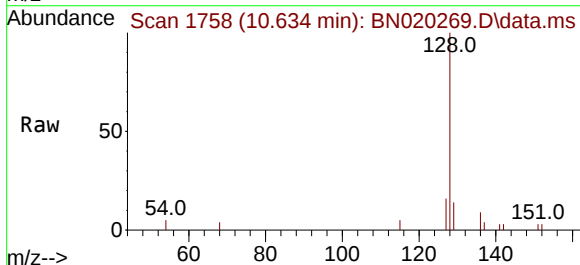
Instrument :
BNA_N
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SICV208

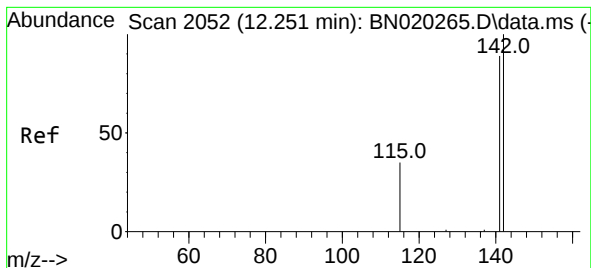
Tgt Ion: 88 Resp: 316
Ion Ratio Lower Upper
88 100
43 25.5 31.6 47.4#
58 17.9 23.8 35.6#



#5
Naphthalene
Concen: 0.356 ng/ul
RT: 10.634 min Scan# 1758
Delta R.T. -0.000 min
Lab File: BN020269.D
Acq: 18 Jun 2022 21:53

Tgt Ion: 128 Resp: 3288
Ion Ratio Lower Upper
128 100
129 13.9 11.0 16.4
127 15.8 12.8 19.2

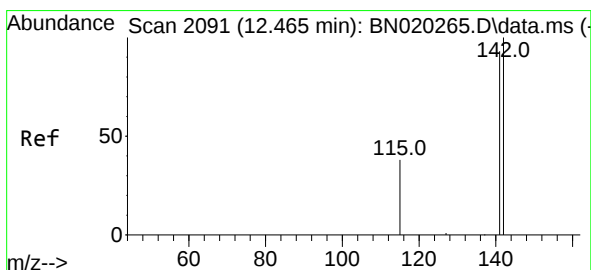
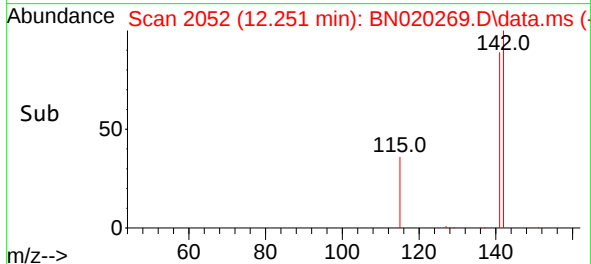
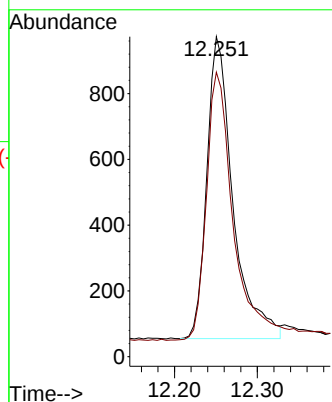
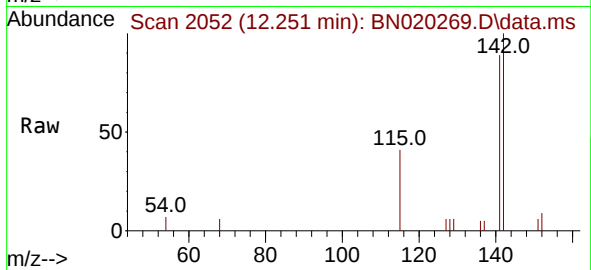




#7
2-Methylnaphthalene
Concen: 0.337 ng/ul
RT: 12.251 min Scan# 2052
Delta R.T. -0.000 min
Lab File: BN020269.D
Acq: 18 Jun 2022 21:53

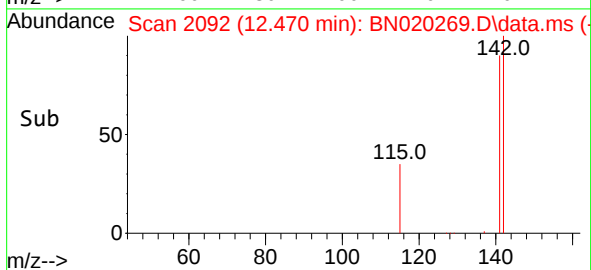
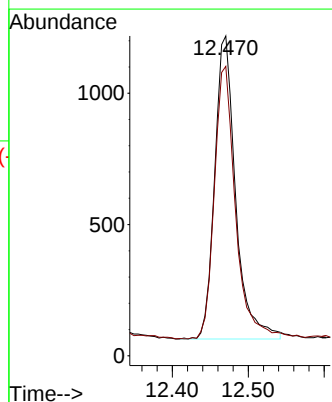
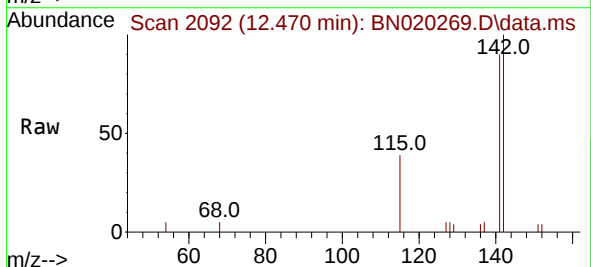
Instrument :
BNA_N
ClientSampleId :
SICV208

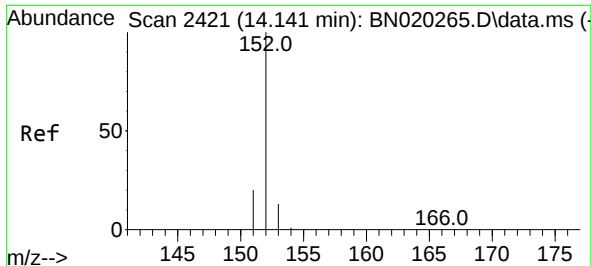
Tgt Ion:142 Resp: 2014
Ion Ratio Lower Upper
142 100
141 90.6 71.8 107.8



#8
1-Methylnaphthalene
Concen: 0.376 ng/ul
RT: 12.470 min Scan# 2092
Delta R.T. 0.005 min
Lab File: BN020269.D
Acq: 18 Jun 2022 21:53

Tgt Ion:142 Resp: 2210
Ion Ratio Lower Upper
142 100
141 90.5 73.4 110.0

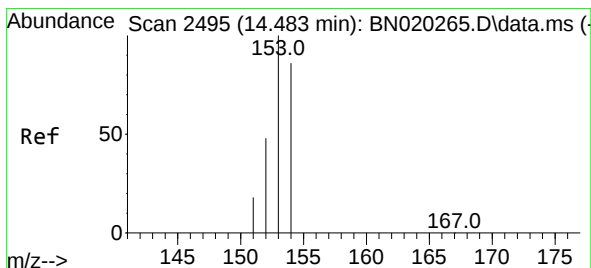
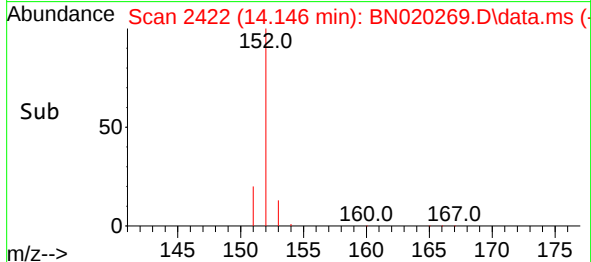
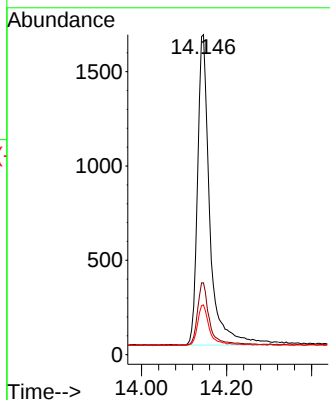
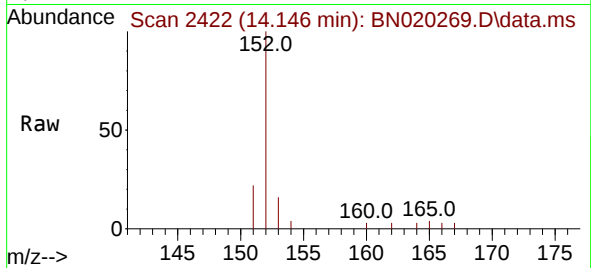




#10
Acenaphthylene
Concen: 0.366 ng/ul
RT: 14.146 min Scan# 2421
Delta R.T. 0.005 min
Lab File: BN020269.D
Acq: 18 Jun 2022 21:53

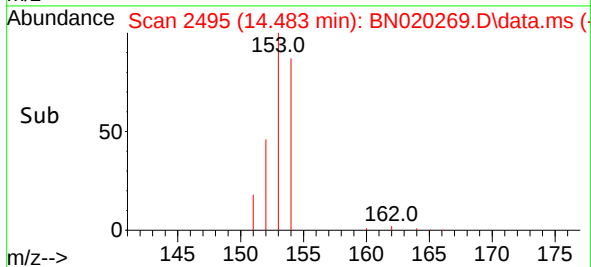
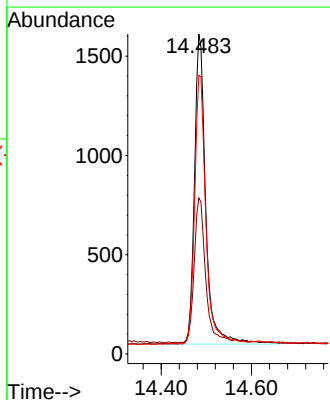
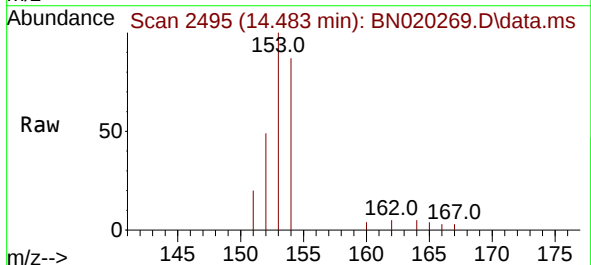
Instrument :
BNA_N
ClientSampleId :
SICV208

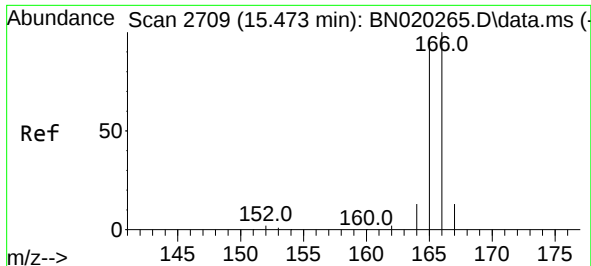
Tgt Ion:152 Resp: 3316
Ion Ratio Lower Upper
152 100
151 22.5 17.2 25.8
153 15.6 11.7 17.5



#11
Acenaphthene
Concen: 0.314 ng/ul
RT: 14.483 min Scan# 2495
Delta R.T. -0.000 min
Lab File: BN020269.D
Acq: 18 Jun 2022 21:53

Tgt Ion:153 Resp: 2718
Ion Ratio Lower Upper
153 100
152 48.8 39.9 59.9
154 87.0 69.2 103.8

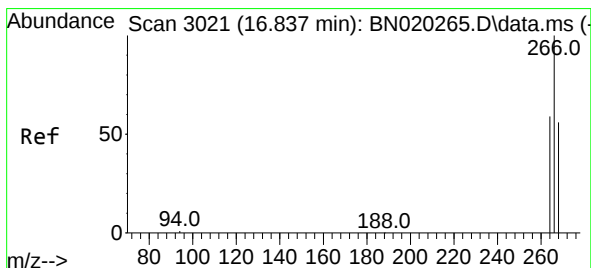
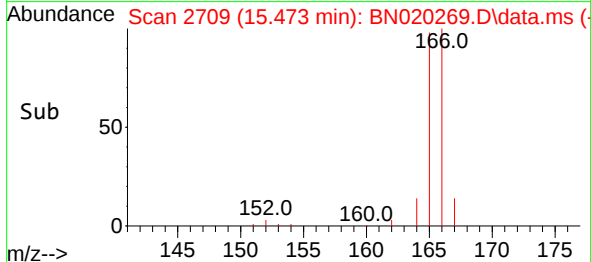
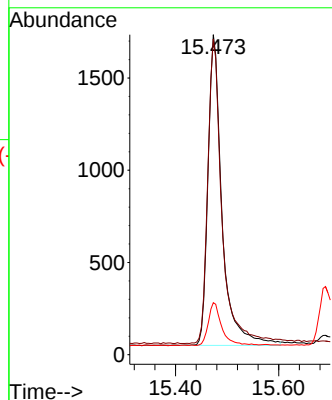
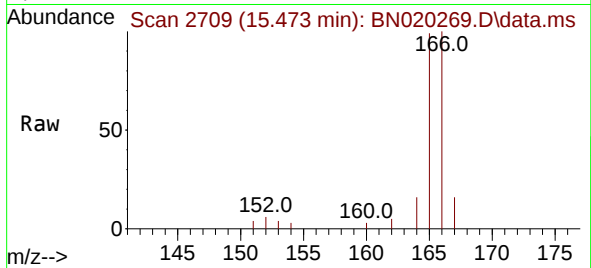




#12
Fluorene
Concen: 0.356 ng/ul
RT: 15.473 min Scan# 2709
Delta R.T. -0.000 min
Lab File: BN020269.D
Acq: 18 Jun 2022 21:53

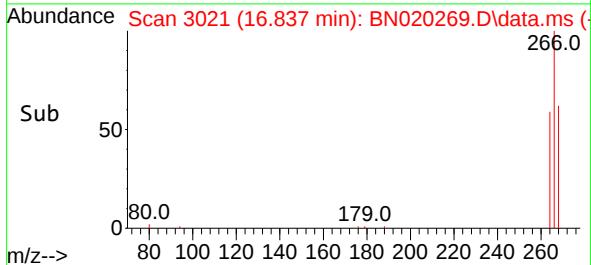
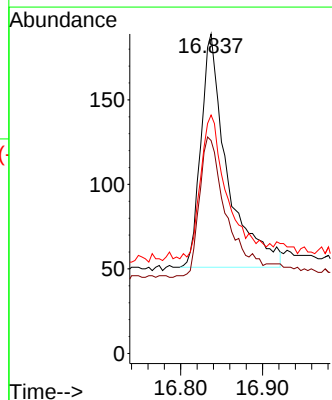
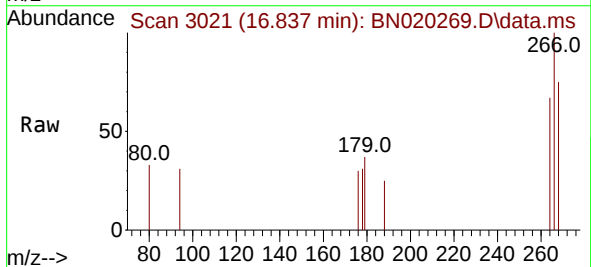
Instrument :
BNA_N
ClientSampleId :
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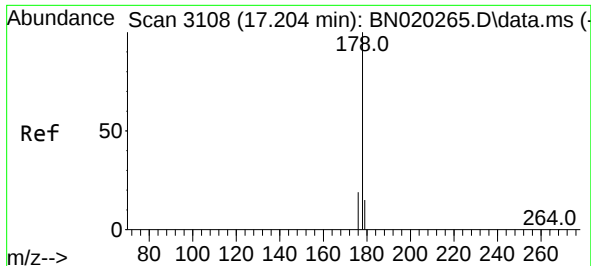
Tgt Ion:166 Resp: 3191
Ion Ratio Lower Upper
166 100
165 98.7 78.2 117.4
167 16.3 12.1 18.1



#14
Pentachlorophenol
Concen: 0.358 ng/ul
RT: 16.837 min Scan# 3021
Delta R.T. -0.000 min
Lab File: BN020269.D
Acq: 18 Jun 2022 21:53

Tgt Ion:266 Resp: 309
Ion Ratio Lower Upper
266 100
264 65.4 49.8 74.8
268 65.7 51.8 77.6

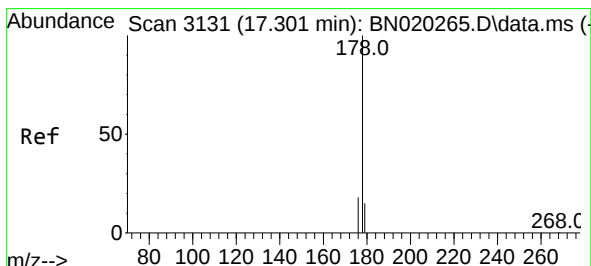
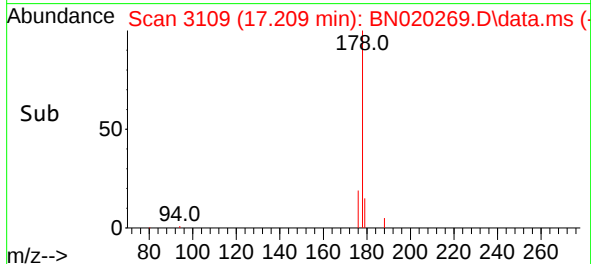
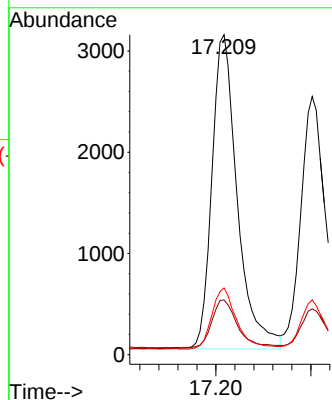
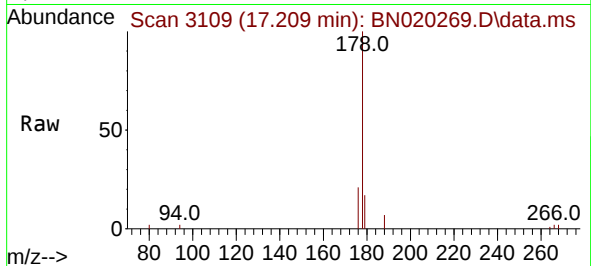




#15
Phenanthrene
Concen: 0.355 ng/ul
RT: 17.209 min Scan# 3109
Delta R.T. 0.004 min
Lab File: BN020269.D
Acq: 18 Jun 2022 21:53

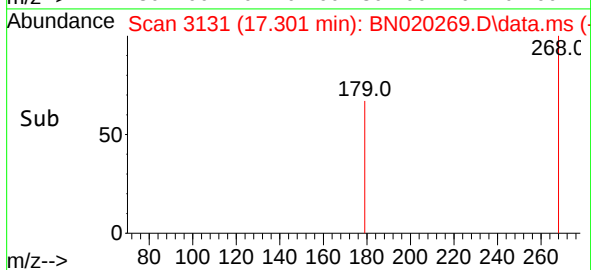
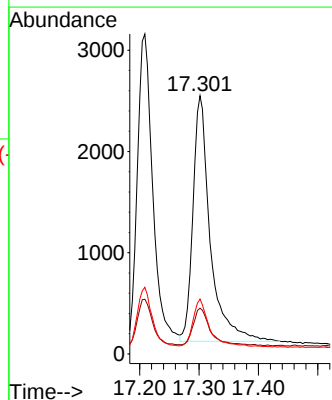
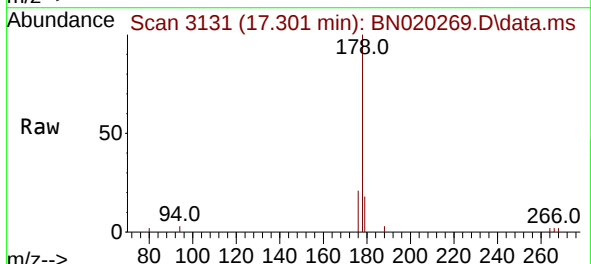
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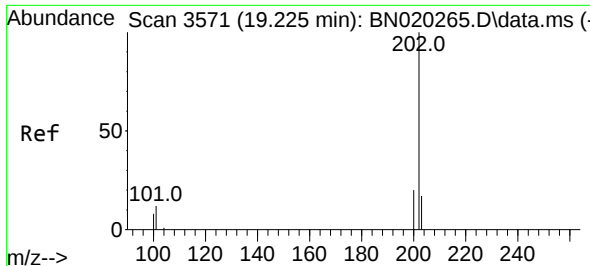
Tgt Ion:178 Resp: 5774
Ion Ratio Lower Upper
178 100
179 17.1 13.4 20.0
176 20.8 15.8 23.6



#16
Anthracene
Concen: 0.357 ng/ul
RT: 17.301 min Scan# 3131
Delta R.T. -0.000 min
Lab File: BN020269.D
Acq: 18 Jun 2022 21:53

Tgt Ion:178 Resp: 4905
Ion Ratio Lower Upper
178 100
179 17.7 13.8 20.8
176 21.2 15.6 23.4

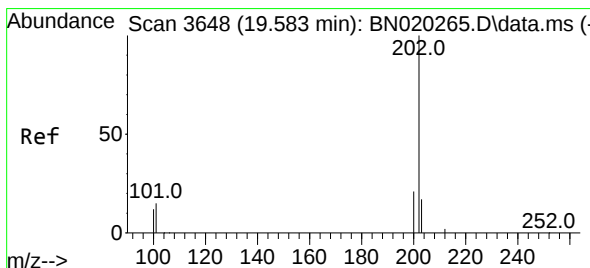
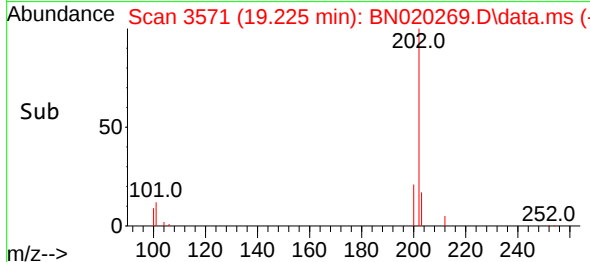
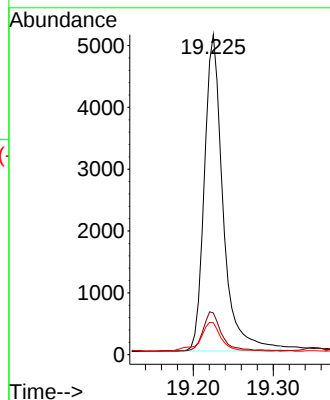
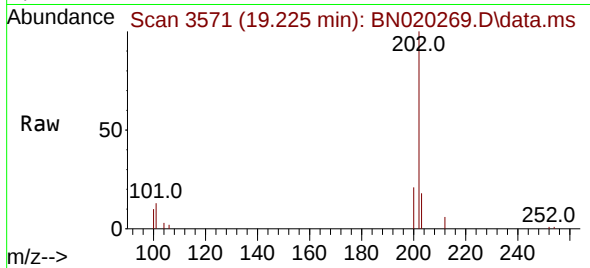




#19
Fluoranthene
Concen: 0.288 ng/u1
RT: 19.225 min Scan# 3571
Delta R.T. -0.000 min
Lab File: BN020269.D
Acq: 18 Jun 2022 21:53

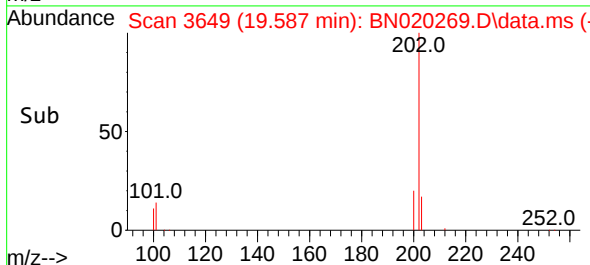
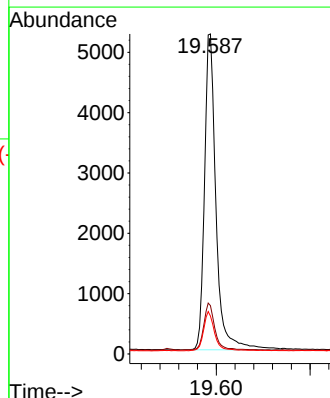
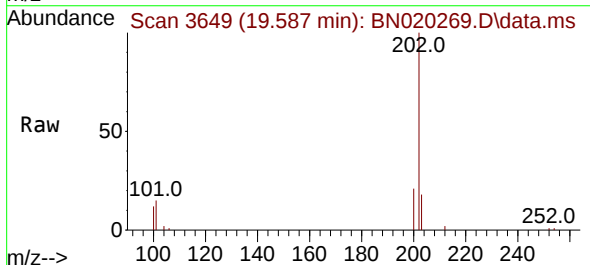
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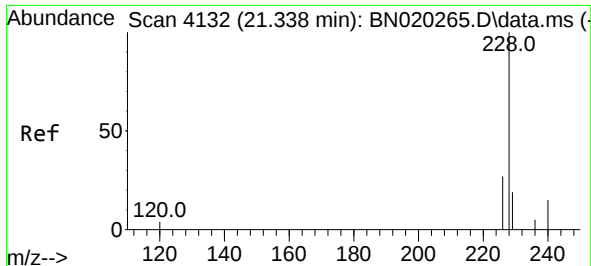
Tgt Ion:	202	Resp:	8306
Ion Ratio	Lower	Upper	
202	100		
101	13.1	9.9	14.9
100	10.0	7.6	11.4



#20
Pyrene
Concen: 0.285 ng/u1
RT: 19.587 min Scan# 3649
Delta R.T. 0.005 min
Lab File: BN020269.D
Acq: 18 Jun 2022 21:53

Tgt Ion:	202	Resp:	8903
Ion Ratio	Lower	Upper	
202	100		
101	15.1	12.6	19.0
100	11.8	10.3	15.5

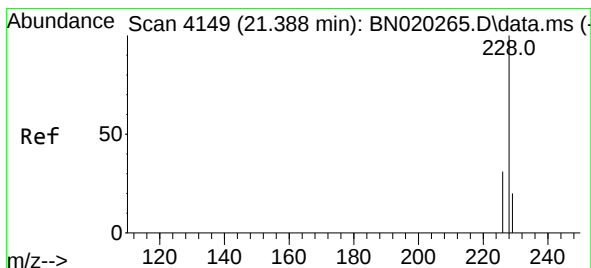
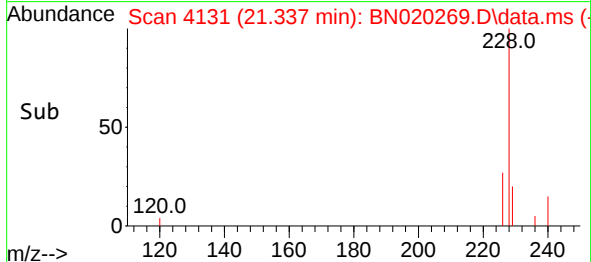
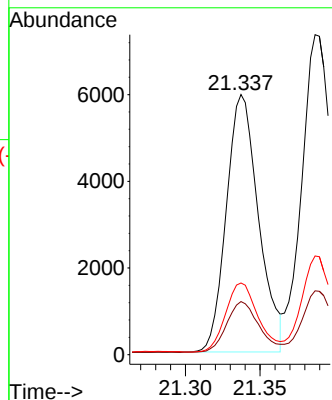
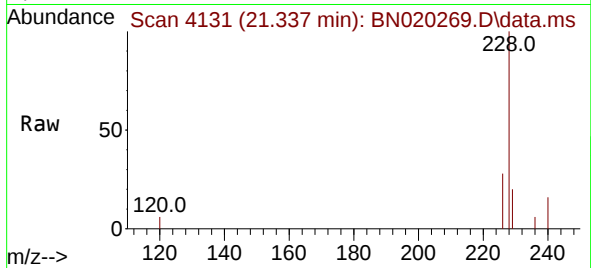




#21
Benzo(a)anthracene
Concen: 0.321 ng/ul
RT: 21.337 min Scan# 4132
Delta R.T. -0.001 min
Lab File: BN020269.D
Acq: 18 Jun 2022 21:53

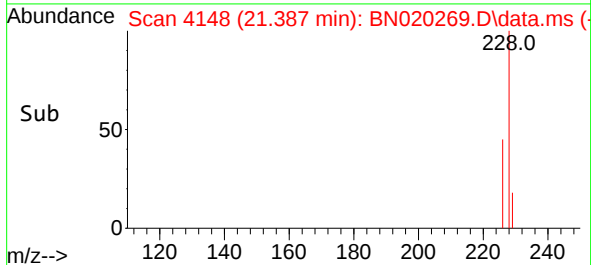
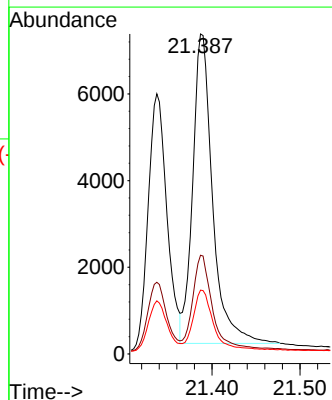
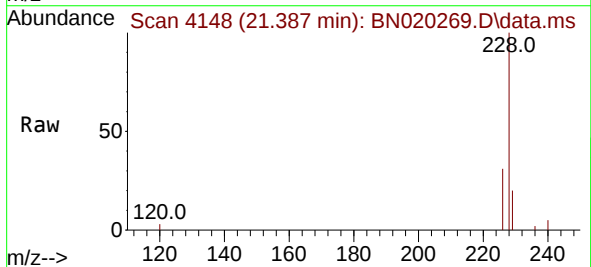
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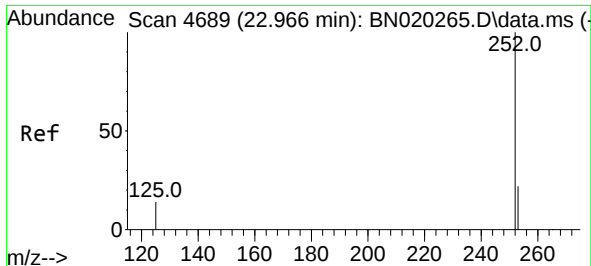
Tgt Ion:228 Resp: 8918
Ion Ratio Lower Upper
228 100
229 20.4 16.0 24.0
226 27.6 21.8 32.6



#22
Chrysene
Concen: 0.325 ng/ul
RT: 21.387 min Scan# 4148
Delta R.T. -0.001 min
Lab File: BN020269.D
Acq: 18 Jun 2022 21:53

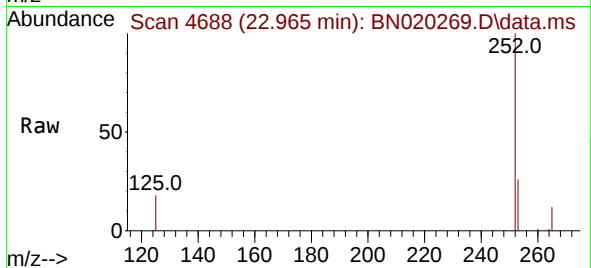
Tgt Ion:228 Resp: 11224
Ion Ratio Lower Upper
228 100
226 30.8 24.7 37.1
229 20.0 16.0 24.0



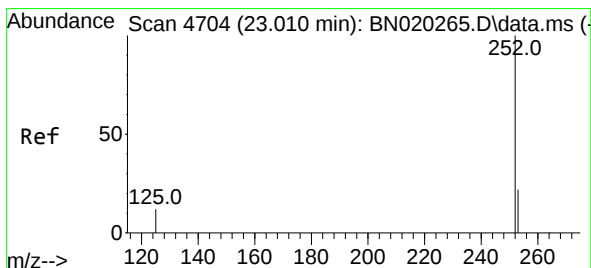
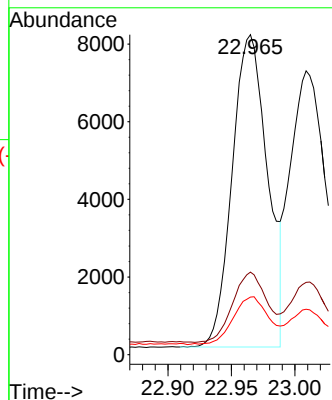
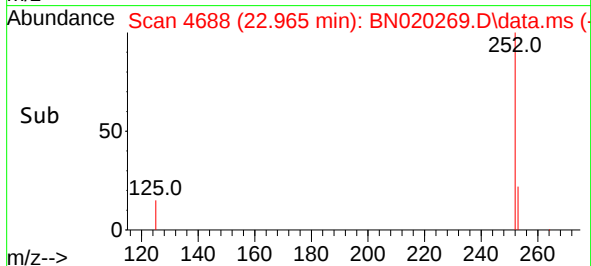


#24
Benzo(b)fluoranthene
Concen: 0.301 ng/ul
RT: 22.965 min Scan# 4688
Delta R.T. -0.001 min
Lab File: BN020269.D
Acq: 18 Jun 2022 21:53

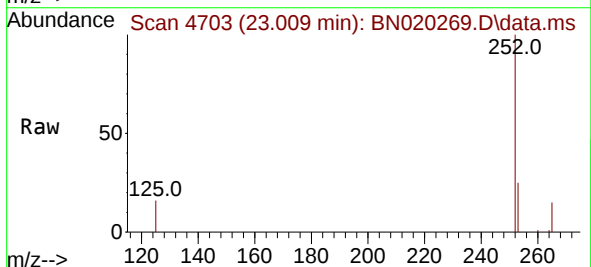
Instrument :
BNA_N
ClientSampleId :
SICV208



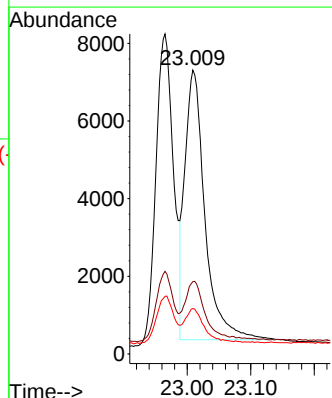
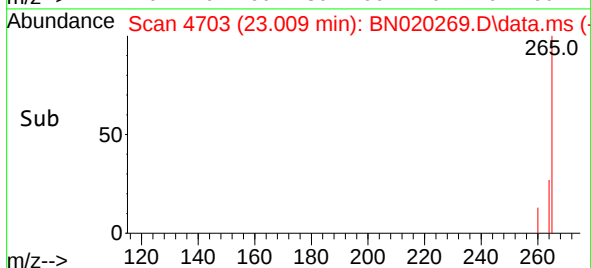
Tgt Ion:252 Resp: 15571
Ion Ratio Lower Upper
252 100
253 25.8 0.0 49.4
125 18.0 0.0 33.2

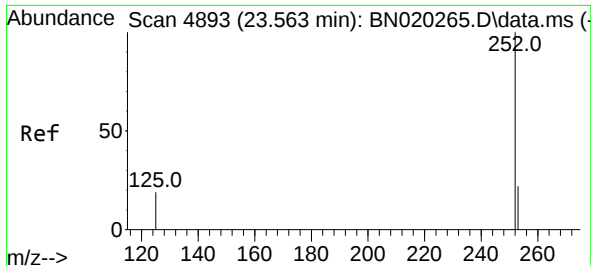


#25
Benzo(k)fluoranthene
Concen: 0.316 ng/ul
RT: 23.009 min Scan# 4703
Delta R.T. -0.001 min
Lab File: BN020269.D
Acq: 18 Jun 2022 21:53



Tgt Ion:252 Resp: 15230
Ion Ratio Lower Upper
252 100
253 25.5 20.2 30.4
125 16.0 12.3 18.5

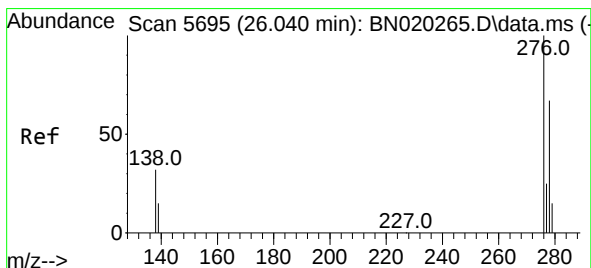
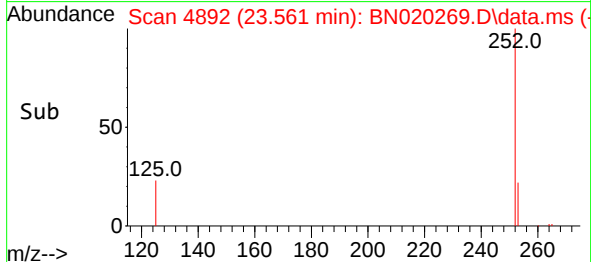
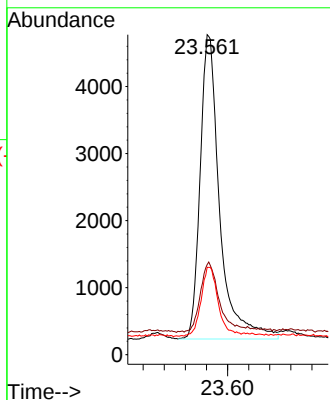
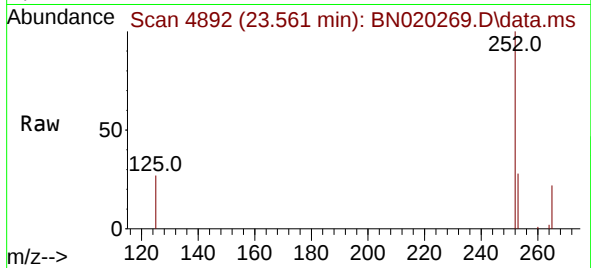




#26
Benzo(a)pyrene
Concen: 0.356 ng/ul
RT: 23.561 min Scan# 4892
Delta R.T. -0.001 min
Lab File: BN020269.D
Acq: 18 Jun 2022 21:53

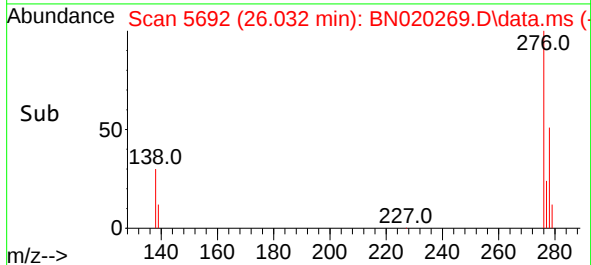
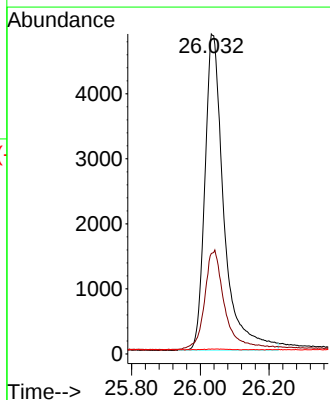
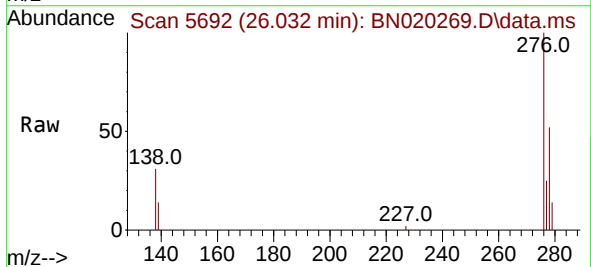
Instrument :
BNA_N
ClientSampleId :
SICV208

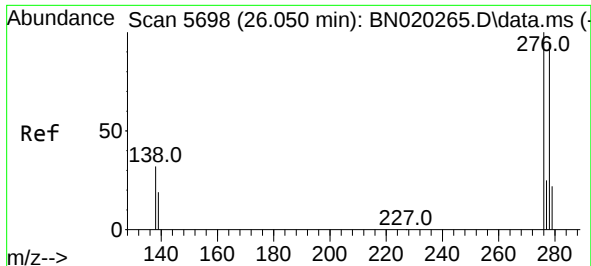
Tgt Ion:252 Resp: 11674
Ion Ratio Lower Upper
252 100
253 28.2 21.7 32.5
125 27.3 18.6 28.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.351 ng/ul
RT: 26.032 min Scan# 5692
Delta R.T. -0.008 min
Lab File: BN020269.D
Acq: 18 Jun 2022 21:53

Tgt Ion:276 Resp: 18708
Ion Ratio Lower Upper
276 100
138 0.0 26.5 39.7#
227 0.0 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.352 ng/ul

RT: 26.052 min Scan# 5908

Delta R.T. 0.002 min

Lab File: BN020269.D

Acq: 18 Jun 2022 21:53

Instrument :

BNA_N

ClientSampleId :

SICV208

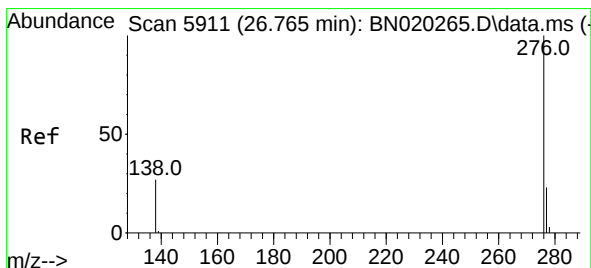
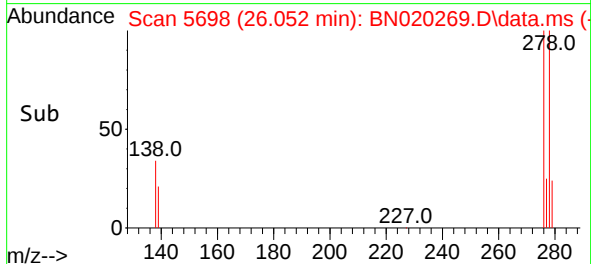
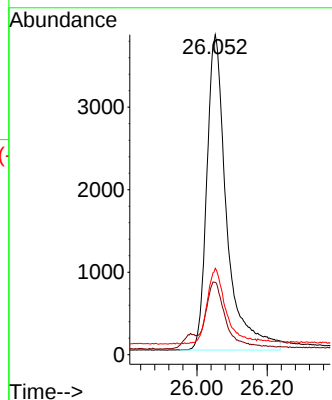
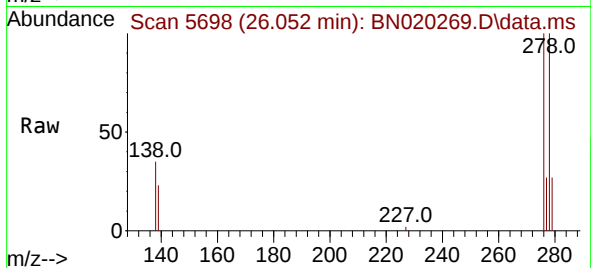
Tgt Ion:278 Resp: 14943

Ion Ratio Lower Upper

278 100

139 22.6 18.2 27.2

279 27.0 20.8 31.2



#29

Benzo(g,h,i)perylene

Concen: 0.352 ng/ul

RT: 26.756 min Scan# 5908

Delta R.T. -0.008 min

Lab File: BN020269.D

Acq: 18 Jun 2022 21:53

Tgt Ion:276 Resp: 16541

Ion Ratio Lower Upper

276 100

138 28.6 23.0 34.4

277 24.2 19.7 29.5

