

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062422\
 Data File : BN020460.D
 Acq On : 26 Jun 2022 06:46
 Operator : CG/JU
 Sample : PB145701BS
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 27 03:44:38 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 00:17:34 2022
 Response via : Initial Calibration

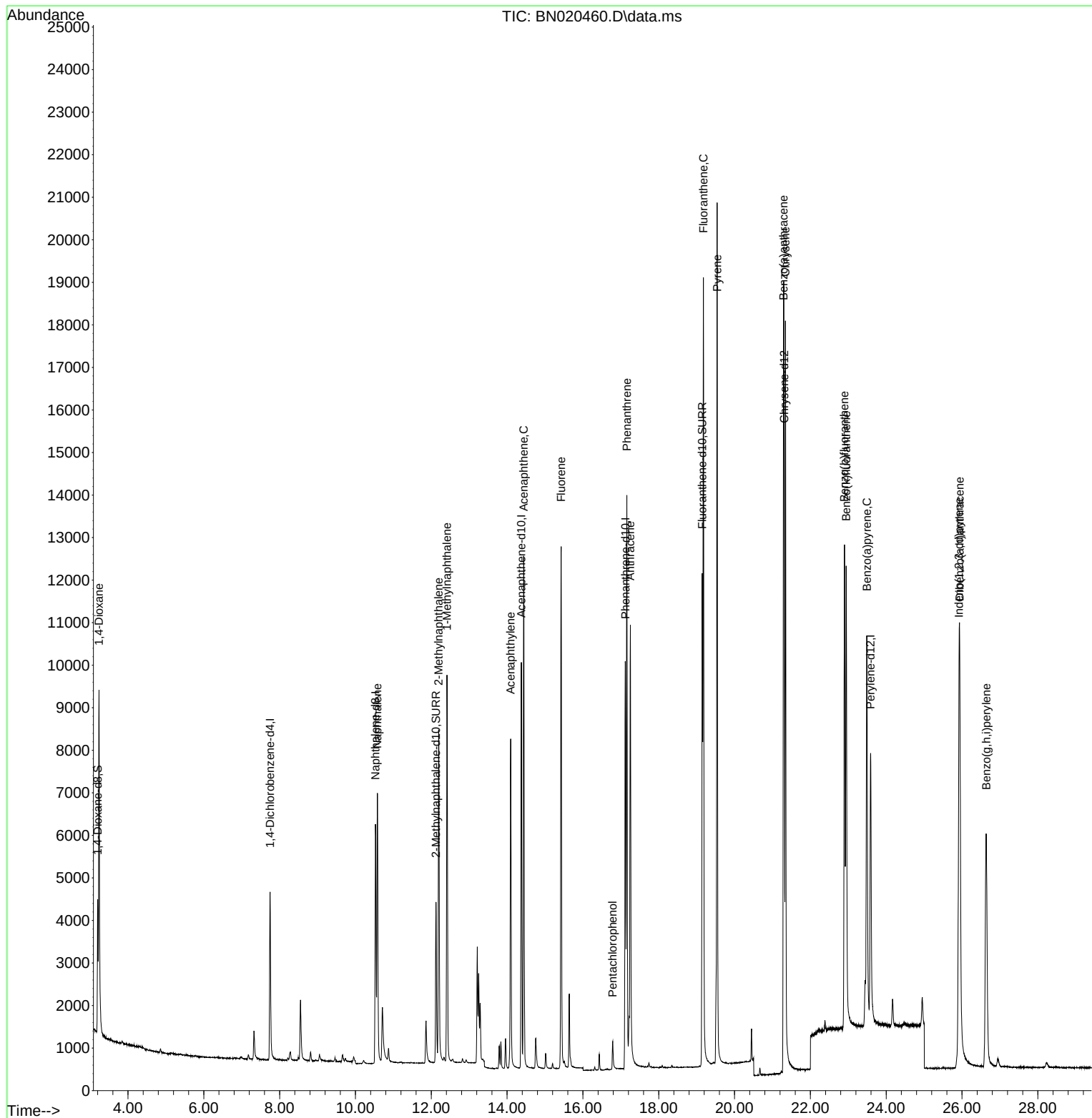
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.750	152	2436	0.400	ng/ul	0.00
4) Naphthalene-d8	10.529	136	8375	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.377	164	5548	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.120	188	12158	0.400	ng/ul	0.00
17) Chrysene-d12	21.308	240	10846	0.400	ng/ul	0.00
23) Perylene-d12	23.588	264	9078	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.201	96	2138	0.758	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.124	152	5511	0.401	ng/ul	0.00
18) Fluoranthene-d10	19.146	212	13431	0.376	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.235	88	5296	1.838	ng/ul#	80
5) Naphthalene	10.579	128	9341	0.361	ng/ul	99
7) 2-Methylnaphthalene	12.196	142	6217	0.359	ng/ul	99
8) 1-Methylnaphthalene	12.416	142	6612	0.403	ng/ul	99
10) Acenaphthylene	14.095	152	9437	0.359	ng/ul	99
11) Acenaphthene	14.437	153	7438	0.353	ng/ul	99
12) Fluorene	15.427	166	8709	0.349	ng/ul	100
14) Pentachlorophenol	16.786	266	576	0.235	ng/ul	98
15) Phenanthrene	17.158	178	14764	0.349	ng/ul	100
16) Anthracene	17.251	178	13027	0.357	ng/ul	100
19) Fluoranthene	19.179	202	16842	0.340	ng/ul	99
20) Pyrene	19.541	202	17515	0.341	ng/ul	100
21) Benzo(a)anthracene	21.291	228	14345	0.368	ng/ul	100
22) Chrysene	21.343	228	16049	0.370	ng/ul	100
24) Benzo(b)fluoranthene	22.898	252	15193	0.362	ng/ul	99
25) Benzo(k)fluoranthene	22.945	252	14852	0.350	ng/ul	99
26) Benzo(a)pyrene	23.488	252	14014	0.367	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.921	276	14350	0.378	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.938	278	11628	0.379	ng/ul	100
29) Benzo(g,h,i)perylene	26.639	276	12372	0.379	ng/ul	99

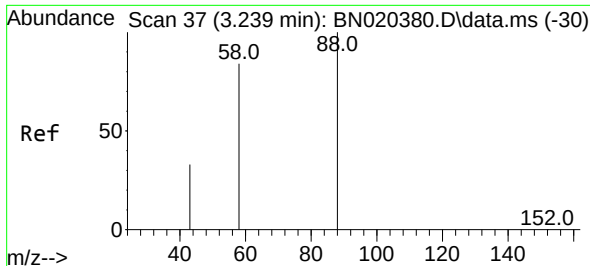
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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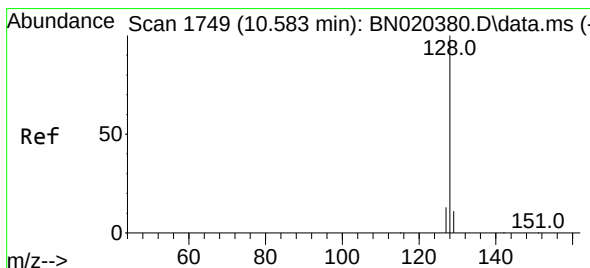
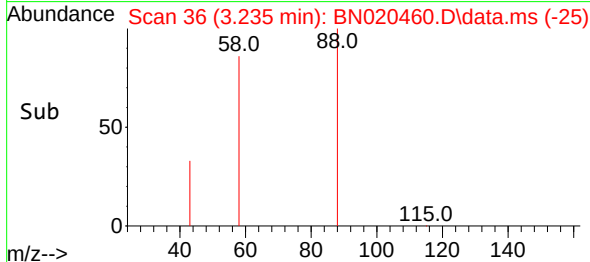
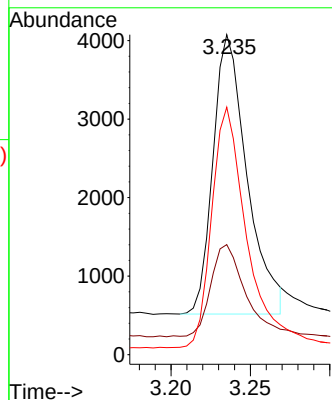
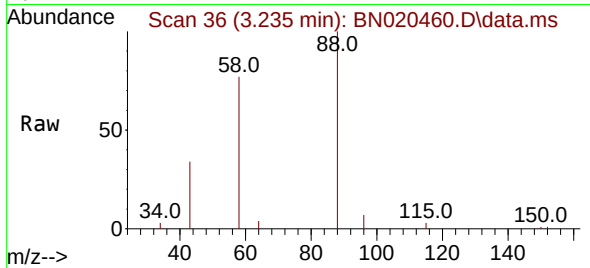




#2
1,4-Dioxane
Concen: 1.838 ng/ul
RT: 3.235 min Scan# 30
Delta R.T. -0.004 min
Lab File: BN020460.D
Acq: 26 Jun 2022 06:46

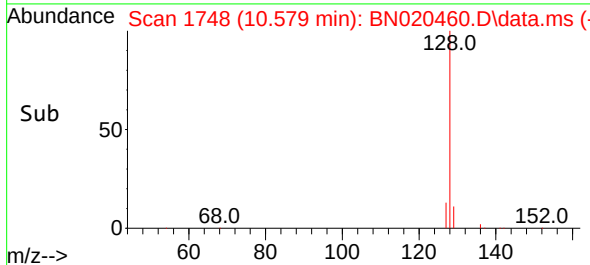
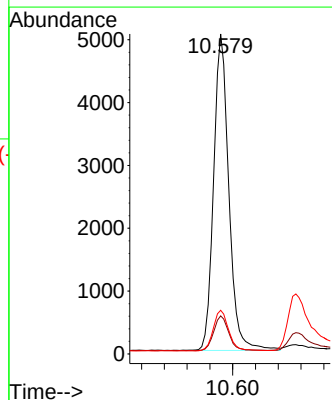
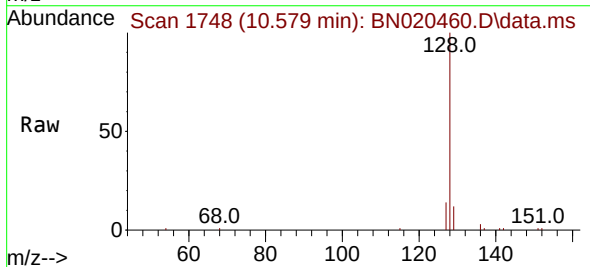
Instrument :
BNA_N
ClientSampleId :

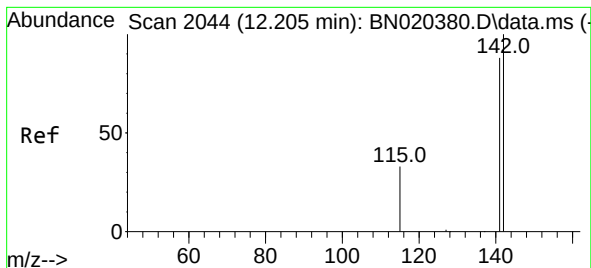
Tgt Ion: 88 Resp: 5296
Ion Ratio Lower Upper
88 100
43 34.4 32.5 48.7
58 77.3 46.2 69.2#



#5
Naphthalene
Concen: 0.361 ng/ul
RT: 10.579 min Scan# 1748
Delta R.T. -0.004 min
Lab File: BN020460.D
Acq: 26 Jun 2022 06:46

Tgt Ion:128 Resp: 9341
Ion Ratio Lower Upper
128 100
129 11.9 9.5 14.3
127 13.6 11.3 16.9

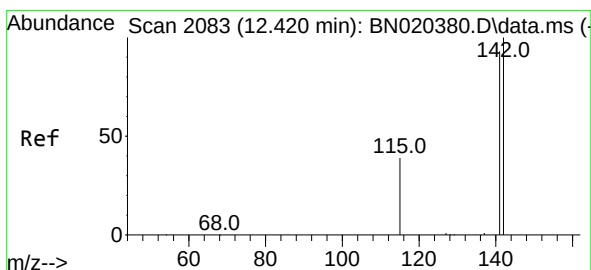
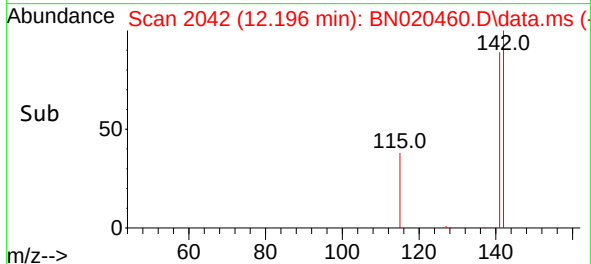
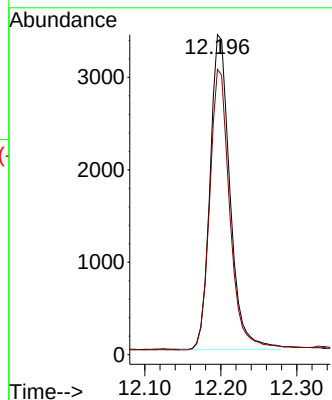
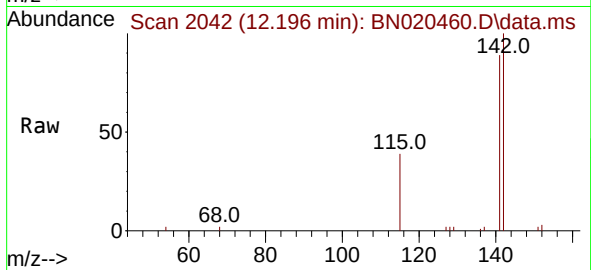




#7
2-Methylnaphthalene
Concen: 0.359 ng/ul
RT: 12.196 min Scan# 2042
Delta R.T. -0.010 min
Lab File: BN020460.D
Acq: 26 Jun 2022 06:46

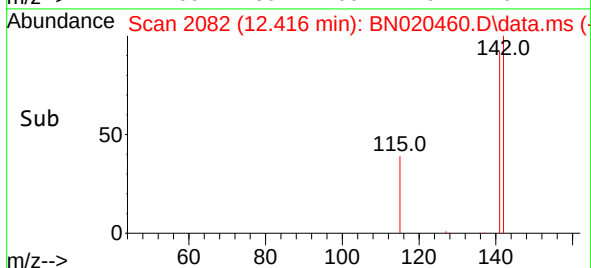
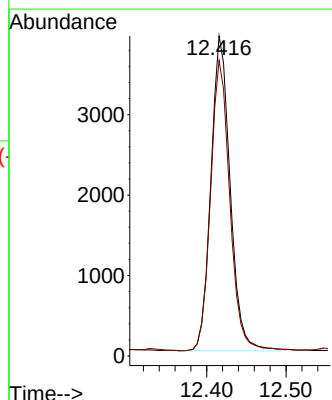
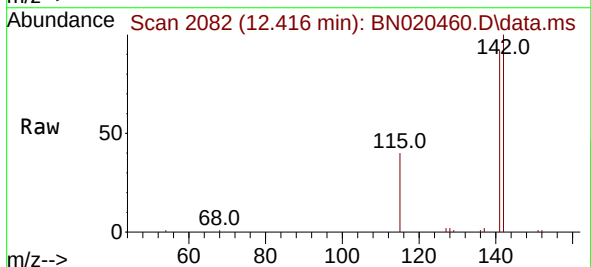
Instrument :
BNA_N
ClientSampleId :

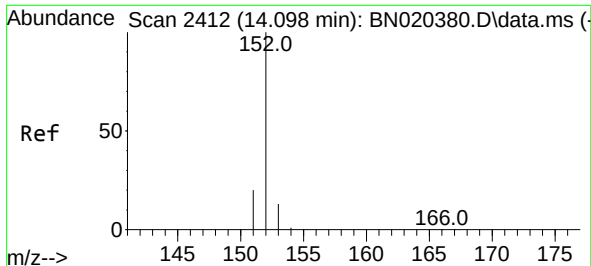
Tgt Ion:142 Resp: 6217
Ion Ratio Lower Upper
142 100
141 89.5 72.1 108.1



#8
1-Methylnaphthalene
Concen: 0.403 ng/ul
RT: 12.416 min Scan# 2082
Delta R.T. -0.004 min
Lab File: BN020460.D
Acq: 26 Jun 2022 06:46

Tgt Ion:142 Resp: 6612
Ion Ratio Lower Upper
142 100
141 91.6 73.7 110.5

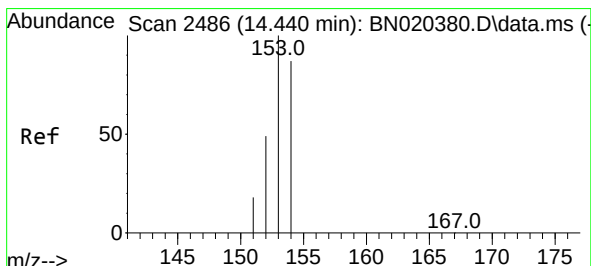
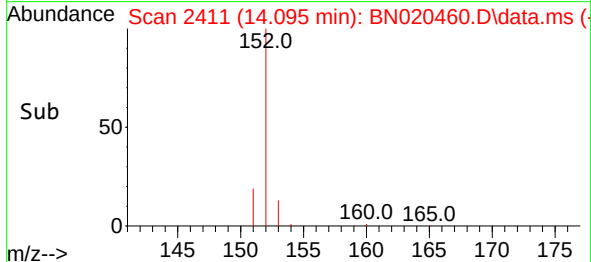
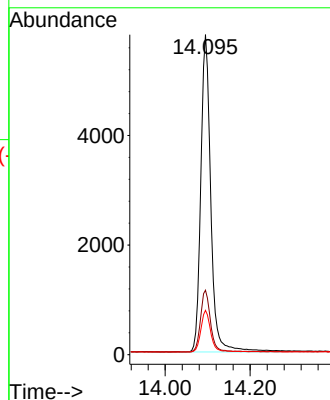
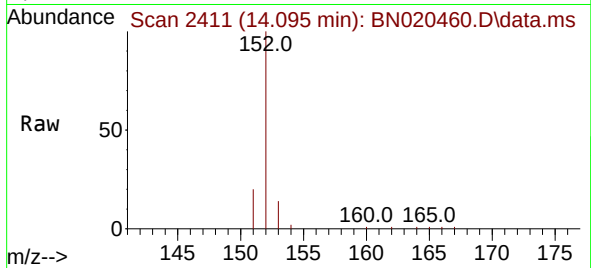




#10
Acenaphthylene
Concen: 0.359 ng/ul
RT: 14.095 min Scan# 2411
Delta R.T. -0.003 min
Lab File: BN020460.D
Acq: 26 Jun 2022 06:46

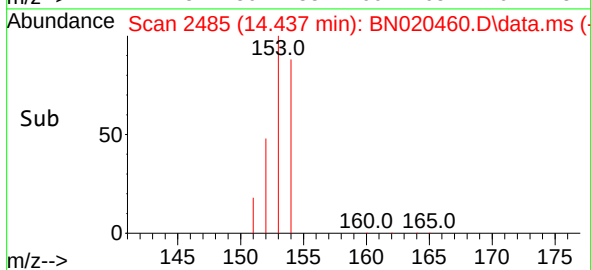
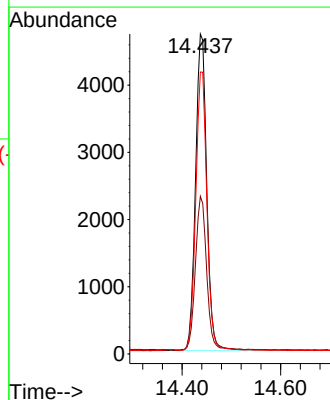
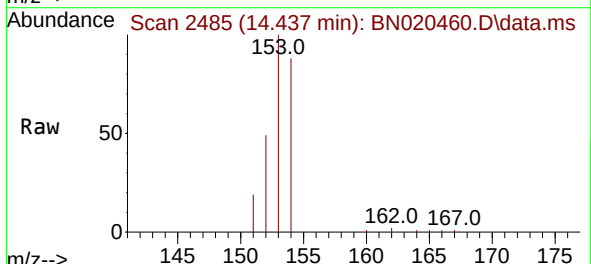
Instrument :
BNA_N
ClientSampleId :

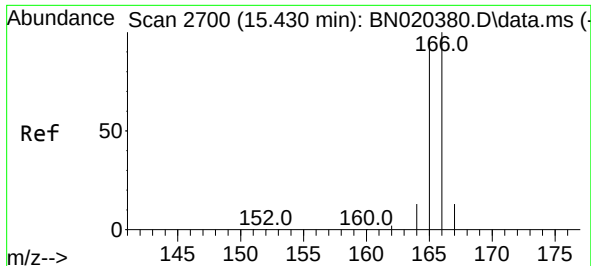
Tgt Ion:152 Resp: 9437
Ion Ratio Lower Upper
152 100
151 20.2 16.5 24.7
153 13.9 11.1 16.7



#11
Acenaphthene
Concen: 0.353 ng/ul
RT: 14.437 min Scan# 2485
Delta R.T. -0.003 min
Lab File: BN020460.D
Acq: 26 Jun 2022 06:46

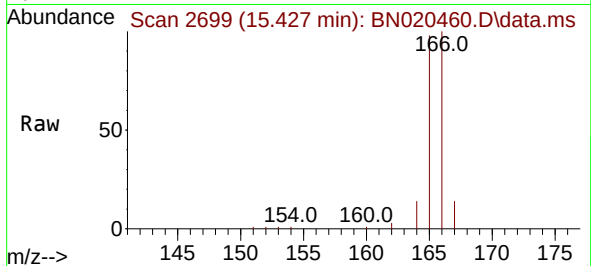
Tgt Ion:153 Resp: 7438
Ion Ratio Lower Upper
153 100
152 49.2 40.0 60.0
154 88.1 70.0 105.0





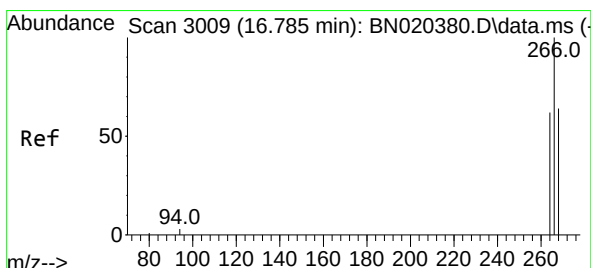
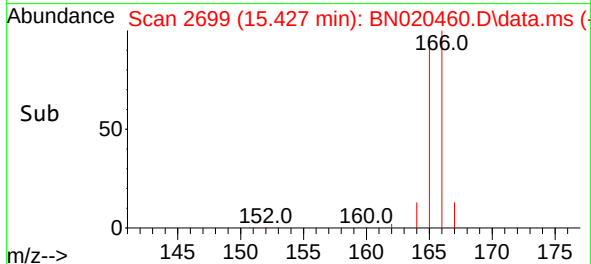
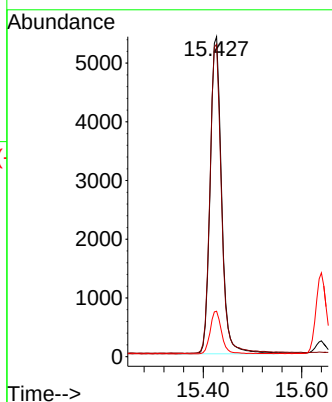
#12
 Fluorene
 Concen: 0.349 ng/ul
 RT: 15.427 min Scan# 2699
 Delta R.T. -0.003 min
 Lab File: BN020460.D
 Acq: 26 Jun 2022 06:46

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:166 Resp: 8709

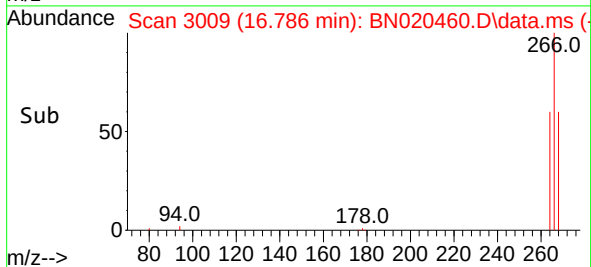
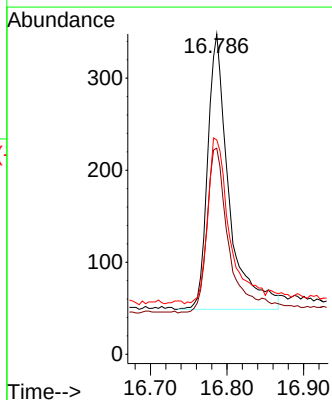
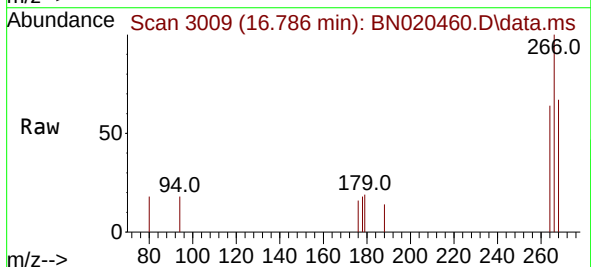
Ion	Ratio	Lower	Upper
166	100		
165	97.7	78.2	117.2
167	14.2	11.3	16.9

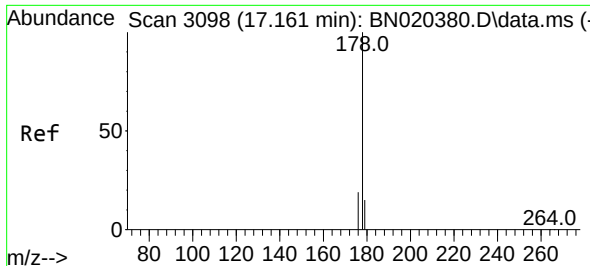


#14
 Pentachlorophenol
 Concen: 0.235 ng/ul
 RT: 16.786 min Scan# 3009
 Delta R.T. 0.001 min
 Lab File: BN020460.D
 Acq: 26 Jun 2022 06:46

Tgt Ion:266 Resp: 576

Ion	Ratio	Lower	Upper
266	100		
264	62.0	51.6	77.4
268	64.4	51.5	77.3

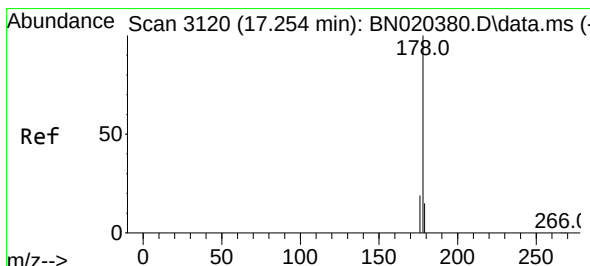
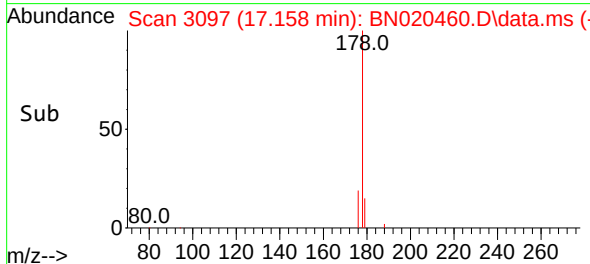
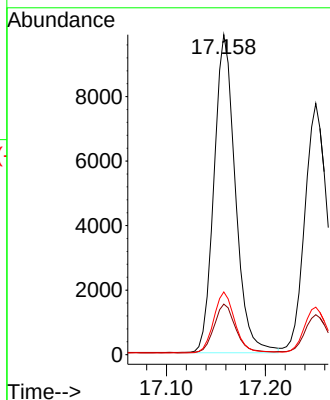
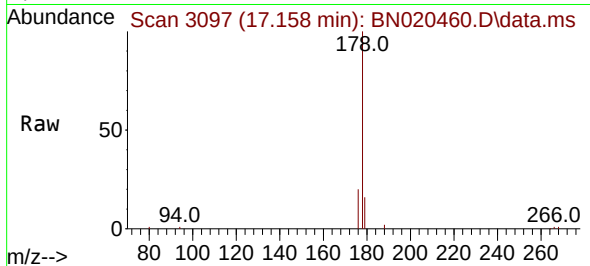




#15
Phenanthrene
Concen: 0.349 ng/ul
RT: 17.158 min Scan# 3097
Delta R.T. -0.003 min
Lab File: BN020460.D
Acq: 26 Jun 2022 06:46

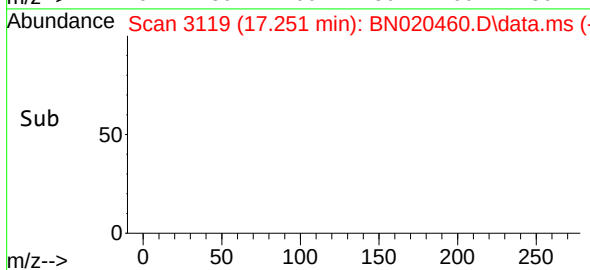
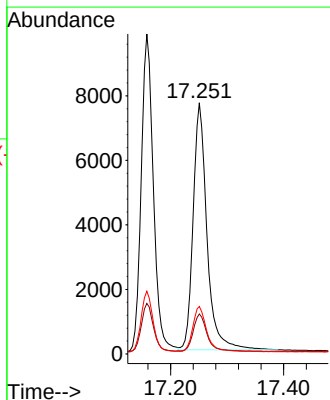
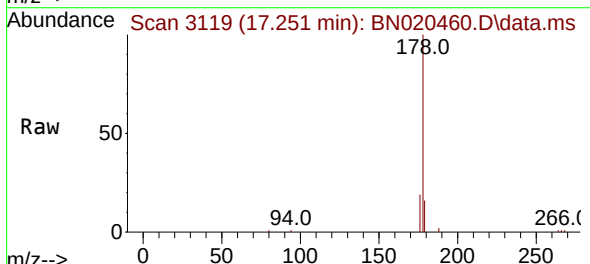
Instrument :
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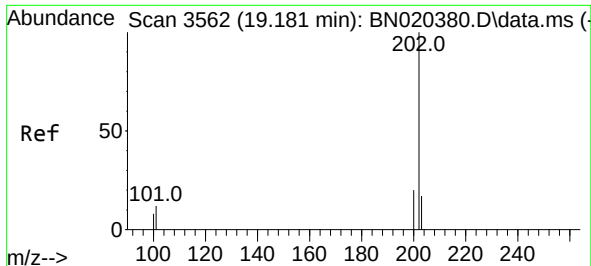
Tgt Ion:178 Resp: 14764
Ion Ratio Lower Upper
178 100
179 15.8 12.6 18.8
176 19.6 15.8 23.6



#16
Anthracene
Concen: 0.357 ng/ul
RT: 17.251 min Scan# 3119
Delta R.T. -0.003 min
Lab File: BN020460.D
Acq: 26 Jun 2022 06:46

Tgt Ion:178 Resp: 13027
Ion Ratio Lower Upper
178 100
179 15.9 12.8 19.2
176 18.9 15.2 22.8

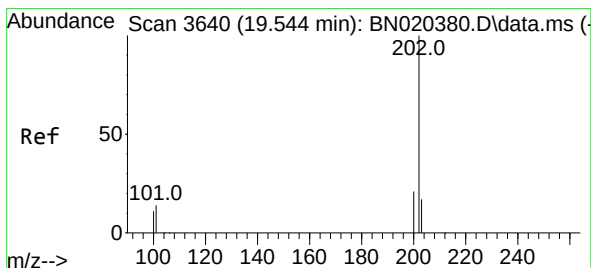
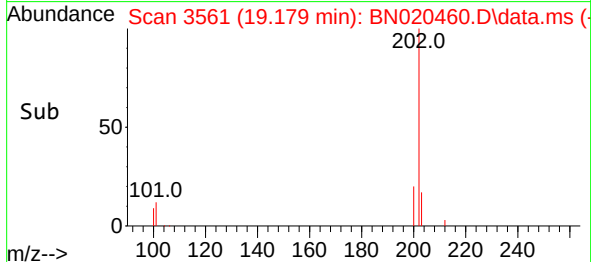
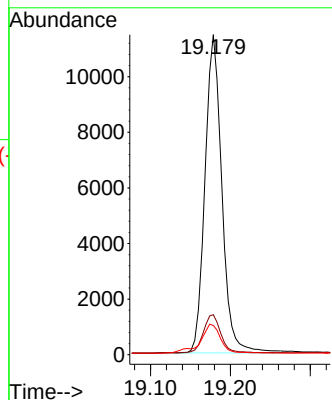
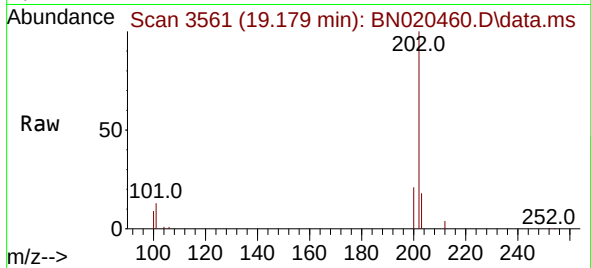




#19
Fluoranthene
Concen: 0.340 ng/ul
RT: 19.179 min Scan# 3561
Delta R.T. -0.003 min
Lab File: BN020460.D
Acq: 26 Jun 2022 06:46

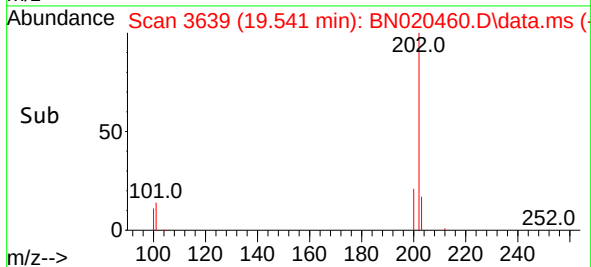
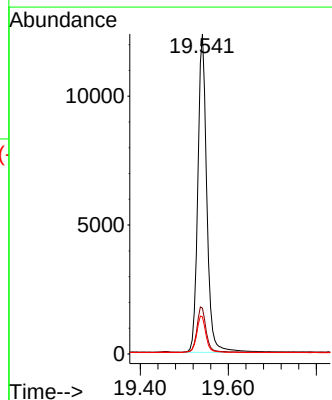
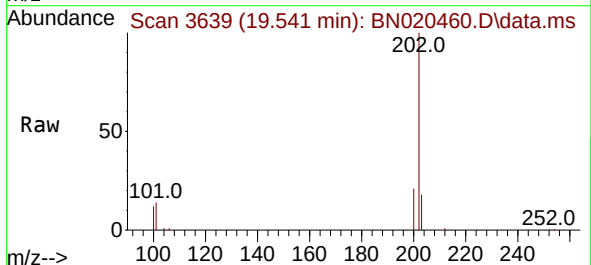
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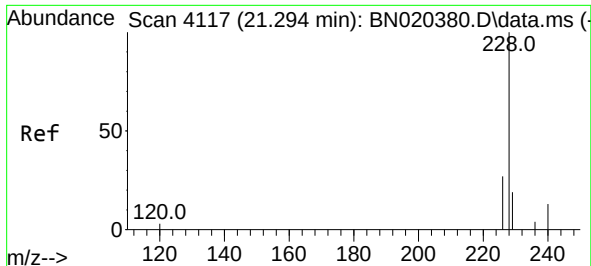
Tgt Ion:202 Resp: 16842
Ion Ratio Lower Upper
202 100
101 12.5 10.3 15.5
100 9.1 7.8 11.6



#20
Pyrene
Concen: 0.341 ng/ul
RT: 19.541 min Scan# 3639
Delta R.T. -0.003 min
Lab File: BN020460.D
Acq: 26 Jun 2022 06:46

Tgt Ion:202 Resp: 17515
Ion Ratio Lower Upper
202 100
101 14.3 11.6 17.4
100 11.6 9.2 13.8

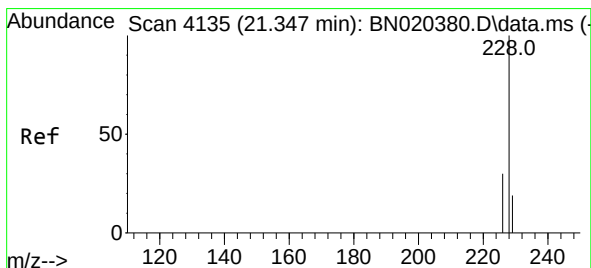
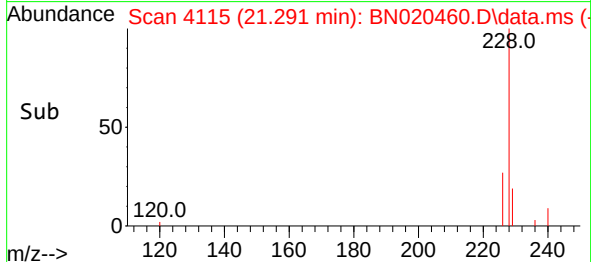
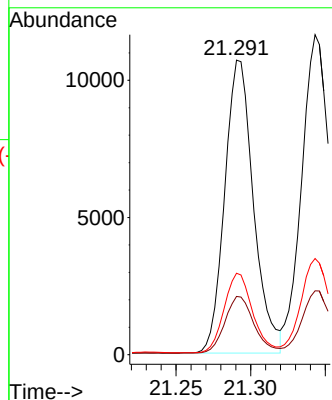
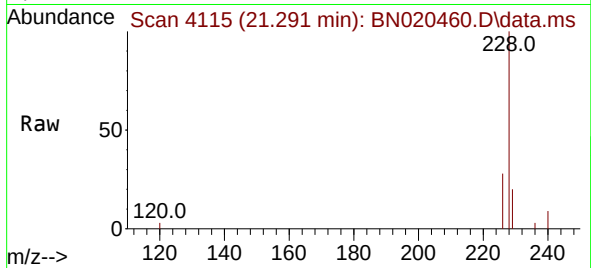




#21
Benzo(a)anthracene
Concen: 0.368 ng/ul
RT: 21.291 min Scan# 4115
Delta R.T. -0.004 min
Lab File: BN020460.D
Acq: 26 Jun 2022 06:46

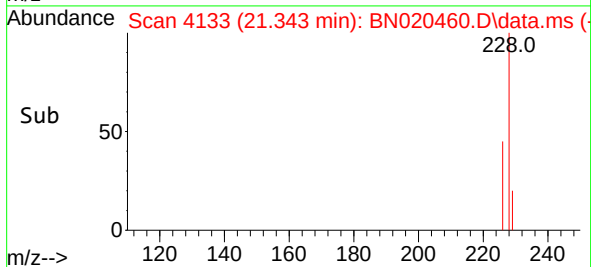
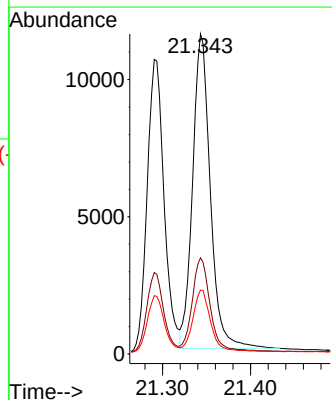
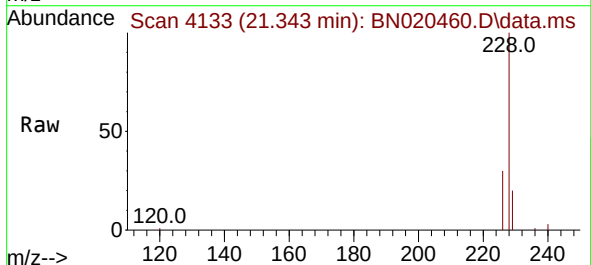
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BNA_N
ClientSampleId :

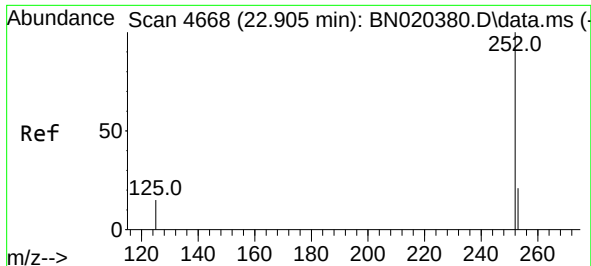
Tgt Ion:228 Resp: 14345
Ion Ratio Lower Upper
228 100
229 19.8 15.9 23.9
226 27.7 22.2 33.2



#22
Chrysene
Concen: 0.370 ng/ul
RT: 21.343 min Scan# 4133
Delta R.T. -0.004 min
Lab File: BN020460.D
Acq: 26 Jun 2022 06:46

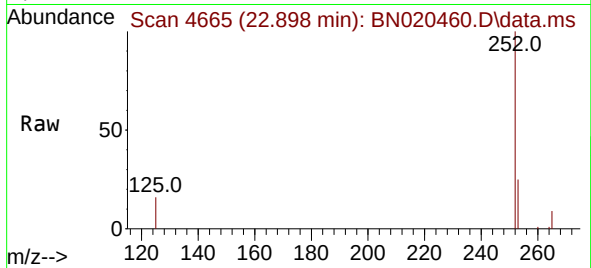
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Ion Ratio Lower Upper
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226 30.1 23.9 35.9
229 19.9 15.8 23.8



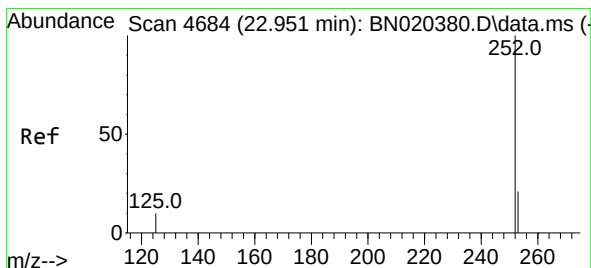
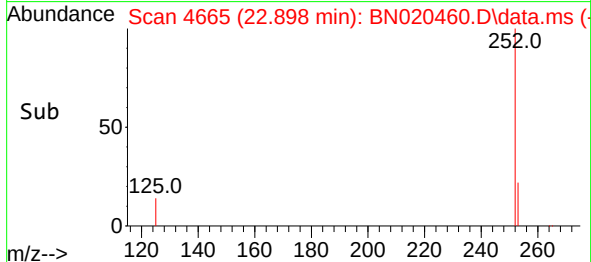
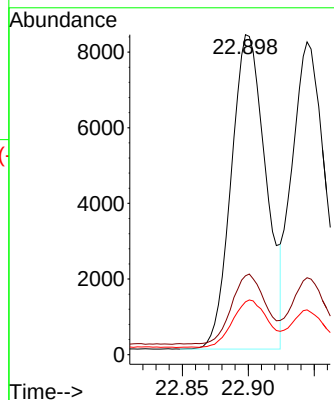


#24
Benzo(b)fluoranthene
Concen: 0.362 ng/ul
RT: 22.898 min Scan# 4665
Delta R.T. -0.007 min
Lab File: BN020460.D
Acq: 26 Jun 2022 06:46

Instrument :
BNA_N
ClientSampleId :

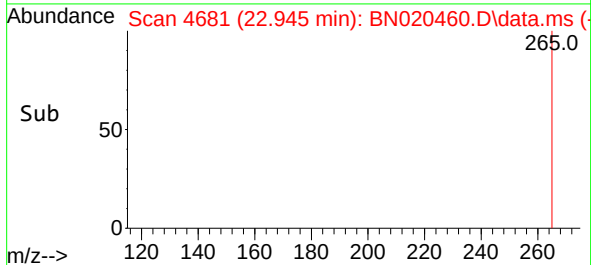
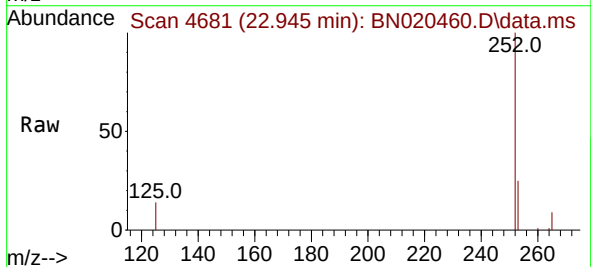
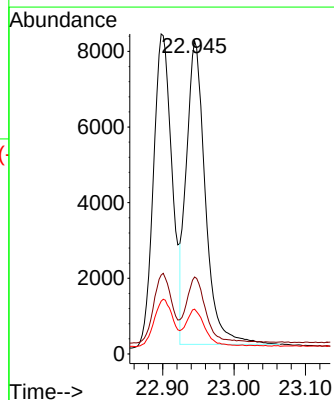


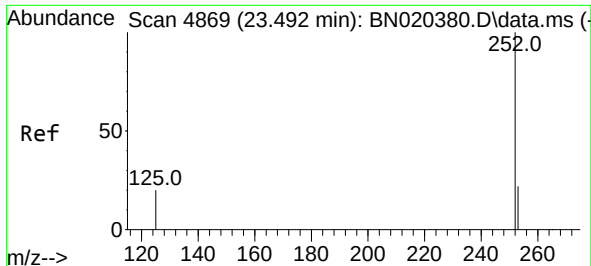
Tgt Ion:252 Resp: 15193
Ion Ratio Lower Upper
252 100
253 24.6 0.0 48.6
125 16.5 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.350 ng/ul
RT: 22.945 min Scan# 4681
Delta R.T. -0.007 min
Lab File: BN020460.D
Acq: 26 Jun 2022 06:46

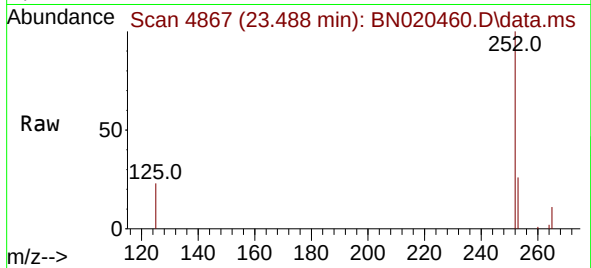
Tgt Ion:252 Resp: 14852
Ion Ratio Lower Upper
252 100
253 24.6 19.7 29.5
125 14.3 12.0 18.0



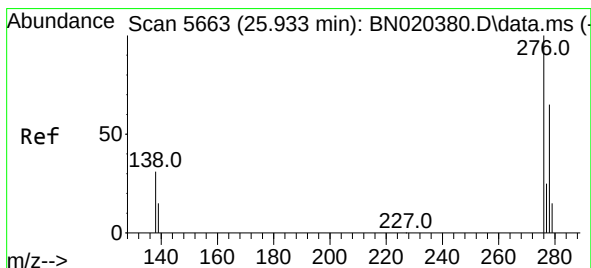
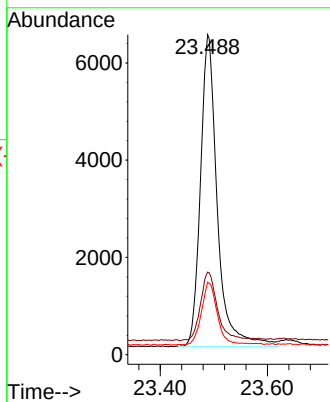
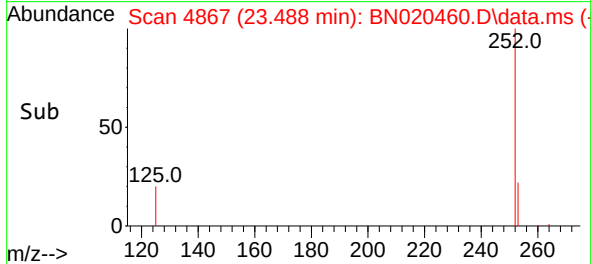


#26
Benzo(a)pyrene
Concen: 0.367 ng/ul
RT: 23.488 min Scan# 41
Delta R.T. -0.004 min
Lab File: BN020460.D
Acq: 26 Jun 2022 06:46

Instrument :
BNA_N
ClientSampleId :

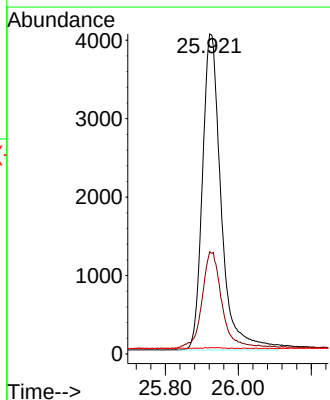
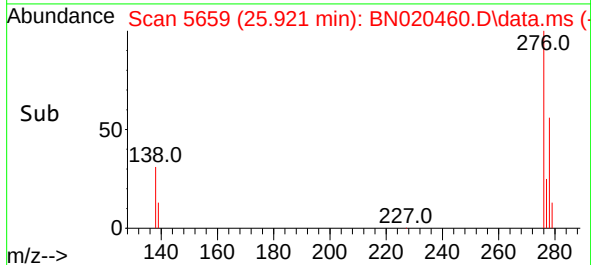
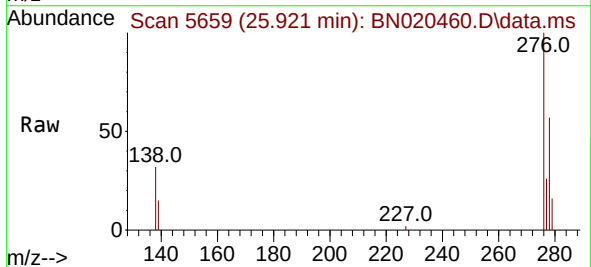


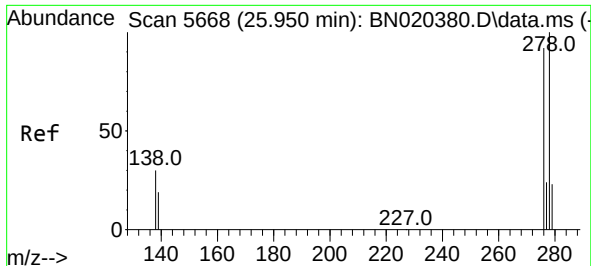
Tgt Ion:252 Resp: 14014
Ion Ratio Lower Upper
252 100
253 25.8 21.0 31.4
125 22.6 18.8 28.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.378 ng/ul
RT: 25.921 min Scan# 5659
Delta R.T. -0.012 min
Lab File: BN020460.D
Acq: 26 Jun 2022 06:46

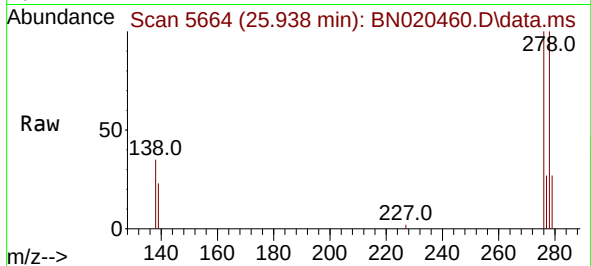
Tgt Ion:276 Resp: 14350
Ion Ratio Lower Upper
276 100
138 32.9 27.4 41.2
227 0.1 0.2 0.2#



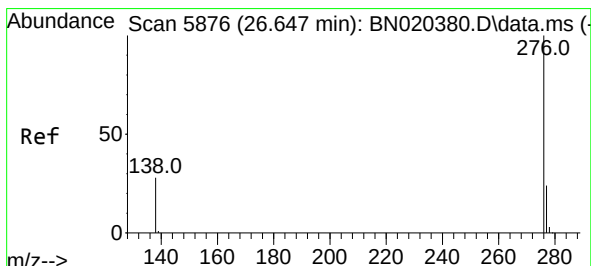
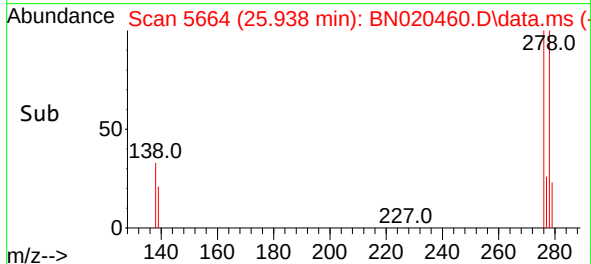
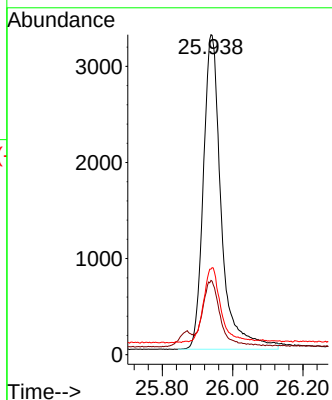


#28
Dibenzo(a,h)anthracene
Concen: 0.379 ng/ul
RT: 25.938 min Scan# 5664
Delta R.T. -0.012 min
Lab File: BN020460.D
Acq: 26 Jun 2022 06:46

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:278 Resp: 11628
Ion Ratio Lower Upper
278 100
139 23.2 18.8 28.2
279 26.8 21.4 32.0



#29
Benzo(g,h,i)perylene
Concen: 0.379 ng/ul
RT: 26.639 min Scan# 5873
Delta R.T. -0.008 min
Lab File: BN020460.D
Acq: 26 Jun 2022 06:46

Tgt Ion:276 Resp: 12372
Ion Ratio Lower Upper
276 100
138 28.2 23.5 35.3
277 25.1 20.1 30.1

