

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080122\
 Data File : BN020932.D
 Acq On : 01 Aug 2022 22:41
 Operator : CG/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SICV229

Quant Time: Aug 02 04:42:15 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 02 04:19:04 2022
 Response via : Initial Calibration

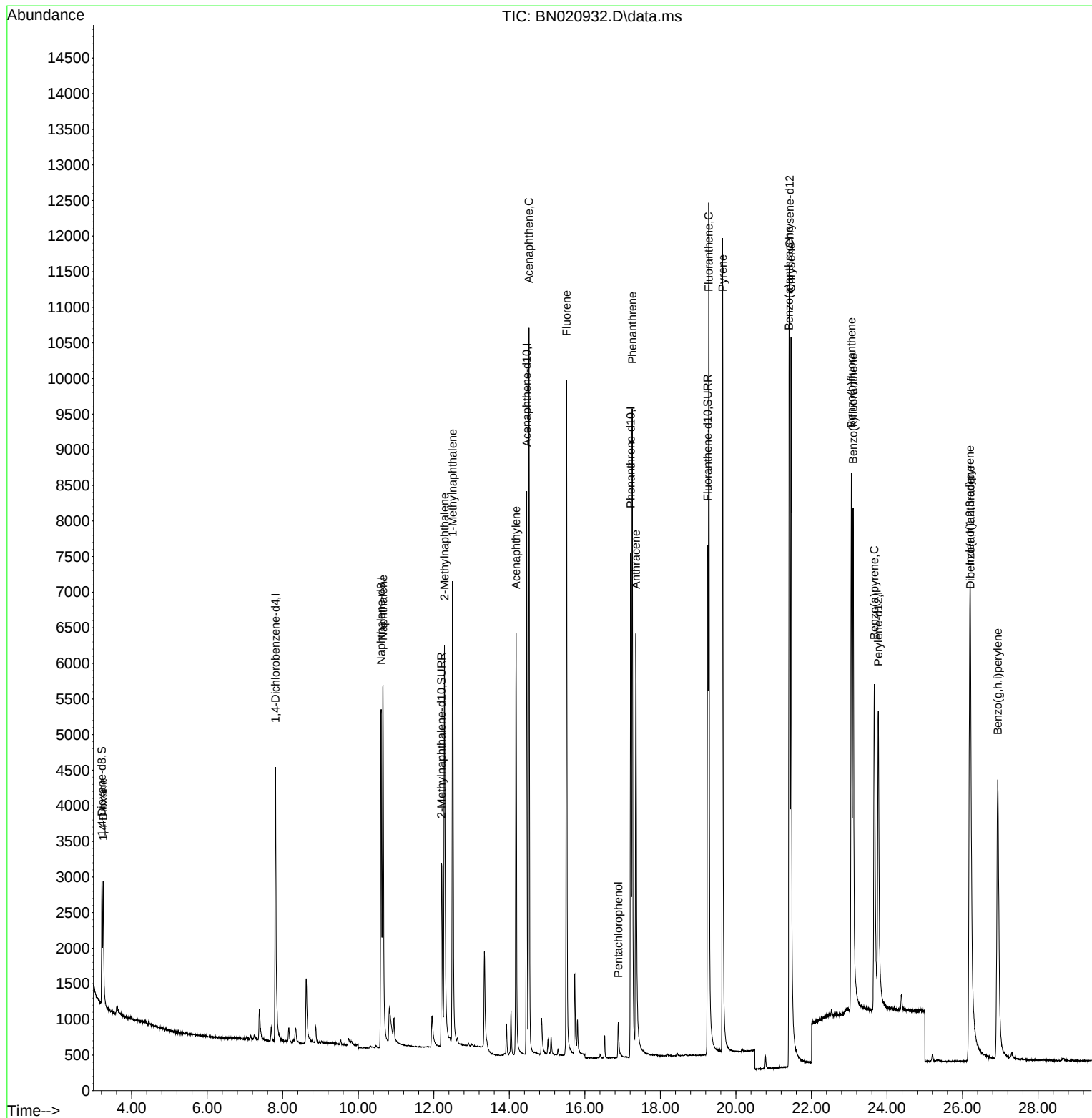
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	2508	0.400	ng/ul	0.00
4) Naphthalene-d8	10.607	136	7823	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.461	164	4581	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.214	188	9064	0.400	ng/ul	0.00
17) Chrysene-d12	21.421	240	7697	0.400	ng/ul	0.00
23) Perylene-d12	23.771	264	6659	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	1210	0.396	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.208	152	4423	0.383	ng/ul	0.00
18) Fluoranthene-d10	19.254	212	9149	0.388	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.249	88	1116	0.339	ng/ul	93
5) Naphthalene	10.657	128	8770	0.410	ng/ul	99
7) 2-Methylnaphthalene	12.285	142	5384	0.413	ng/ul	99
8) 1-Methylnaphthalene	12.499	142	5412	0.377	ng/ul	98
10) Acenaphthylene	14.179	152	7747	0.414	ng/ul	99
11) Acenaphthene	14.522	153	6332	0.405	ng/ul	98
12) Fluorene	15.516	166	6917	0.384	ng/ul	99
14) Pentachlorophenol	16.885	266	491	0.339	ng/ul	99
15) Phenanthrene	17.256	178	11028	0.359	ng/ul	99
16) Anthracene	17.353	178	8842	0.335	ng/ul	99
19) Fluoranthene	19.282	202	11604	0.335	ng/ul	100
20) Pyrene	19.649	202	12103	0.334	ng/ul	100
21) Benzo(a)anthracene	21.407	228	8750	0.313	ng/ul	99
22) Chrysene	21.459	228	10916	0.316	ng/ul	99
24) Benzo(b)fluoranthene	23.058	252	10423	0.328	ng/ul	99
25) Benzo(k)fluoranthene	23.105	252	11430	0.332	ng/ul	99
26) Benzo(a)pyrene	23.666	252	9325	0.311	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.192	276	10888	0.309	ng/ul	100
28) Dibenzo(a,h)anthracene	26.213	278	8876	0.307	ng/ul	98
29) Benzo(g,h,i)perylene	26.934	276	10176	0.317	ng/ul	99

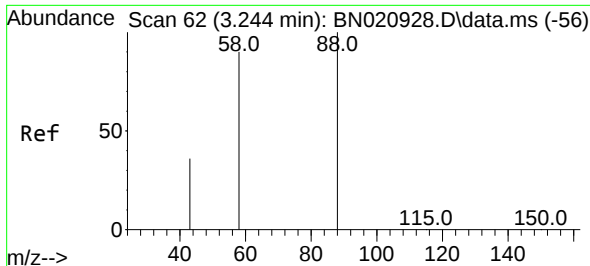
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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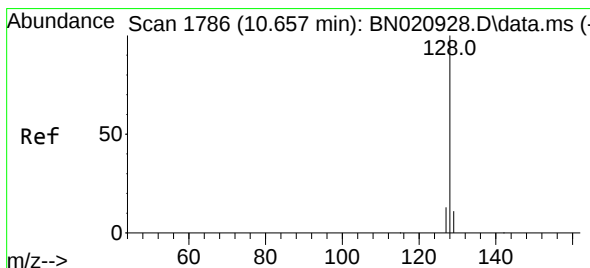
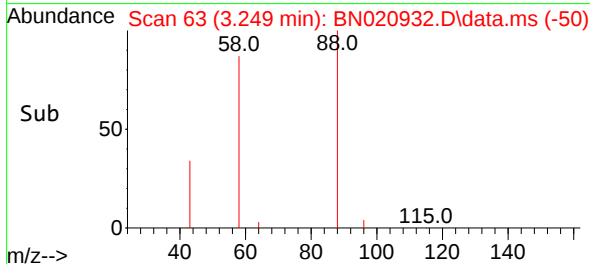
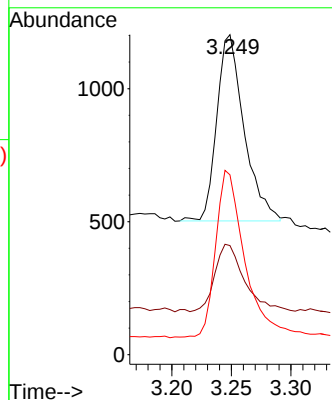
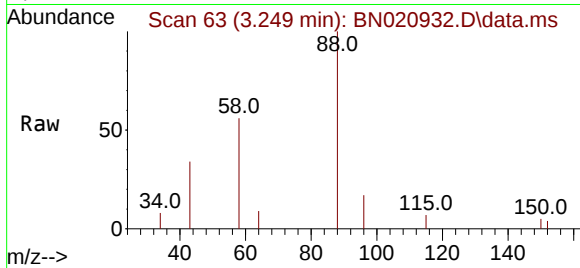




#2
 1,4-Dioxane
 Concen: 0.339 ng/ul
 RT: 3.249 min Scan# 61
 Delta R.T. 0.005 min
 Lab File: BN020932.D
 Acq: 01 Aug 2022 22:41

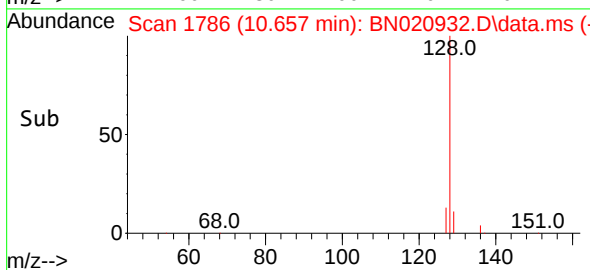
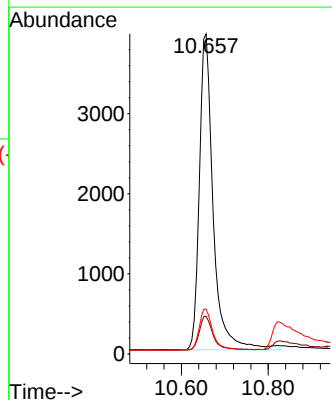
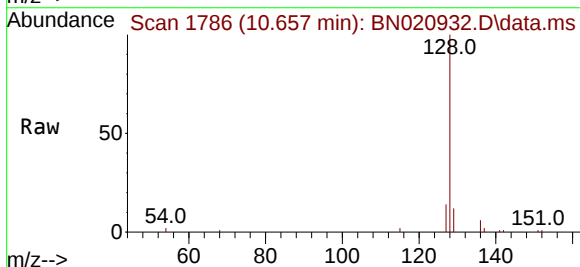
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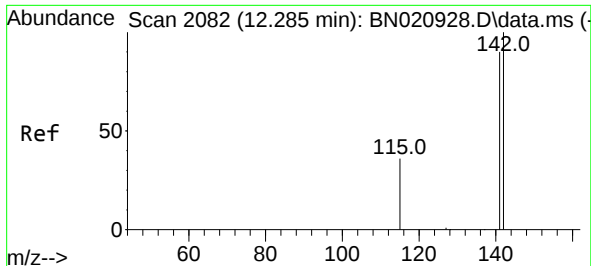
Tgt Ion: 88 Resp: 1116
 Ion Ratio Lower Upper
 88 100
 43 34.1 31.4 47.0
 58 56.2 49.0 73.6



#5
 Naphthalene
 Concen: 0.410 ng/ul
 RT: 10.657 min Scan# 1786
 Delta R.T. 0.000 min
 Lab File: BN020932.D
 Acq: 01 Aug 2022 22:41

Tgt Ion: 128 Resp: 8770
 Ion Ratio Lower Upper
 128 100
 129 11.8 9.8 14.6
 127 14.0 11.6 17.4

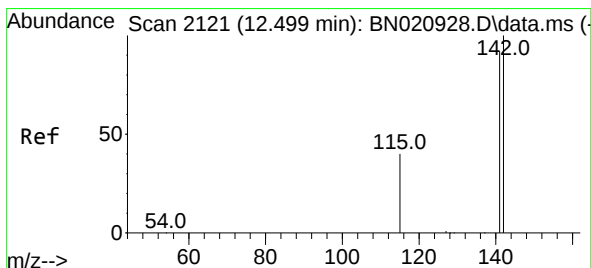
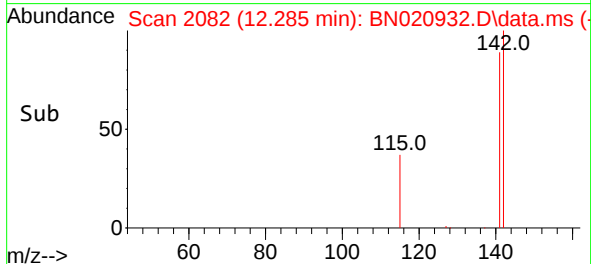
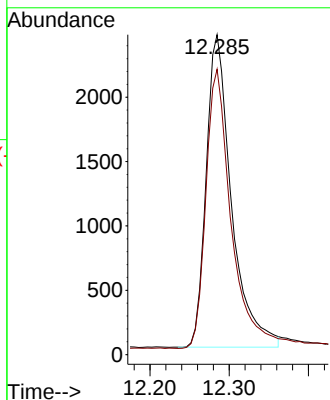
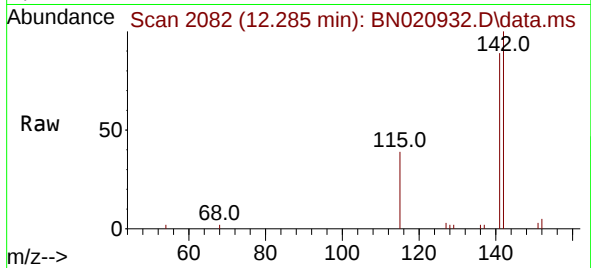




#7
2-Methylnaphthalene
Concen: 0.413 ng/ul
RT: 12.285 min Scan# 2082
Delta R.T. 0.000 min
Lab File: BN020932.D
Acq: 01 Aug 2022 22:41

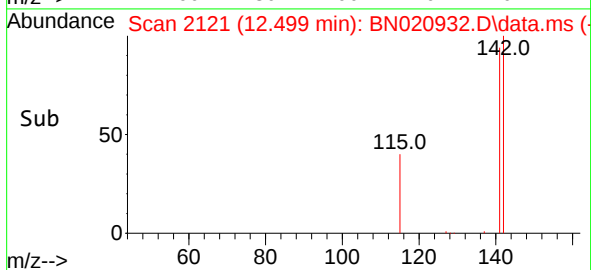
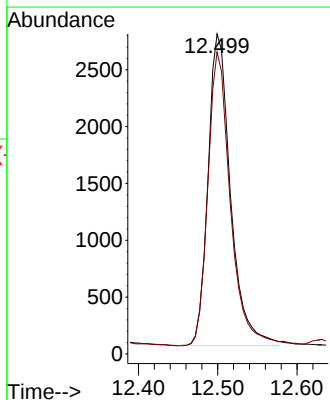
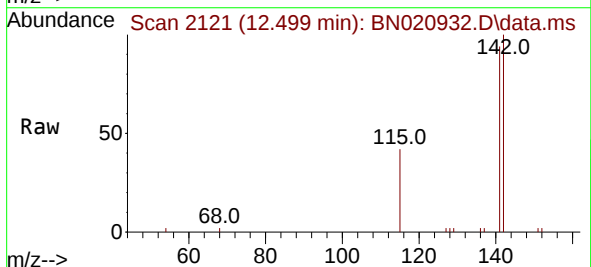
Instrument :
BNA_N
ClientSampleId :
SICV229

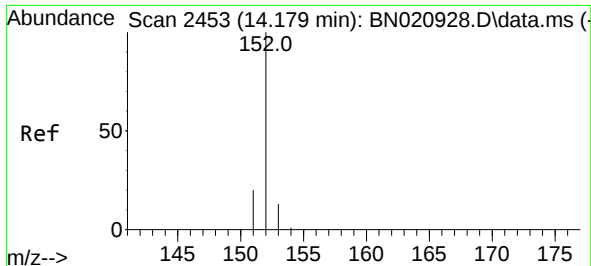
Tgt Ion:142 Resp: 5384
Ion Ratio Lower Upper
142 100
141 89.0 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.377 ng/ul
RT: 12.499 min Scan# 2121
Delta R.T. 0.000 min
Lab File: BN020932.D
Acq: 01 Aug 2022 22:41

Tgt Ion:142 Resp: 5412
Ion Ratio Lower Upper
142 100
141 94.0 73.9 110.9

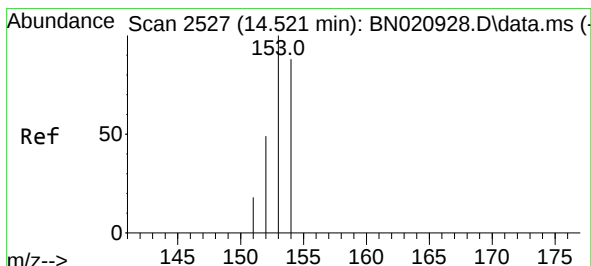
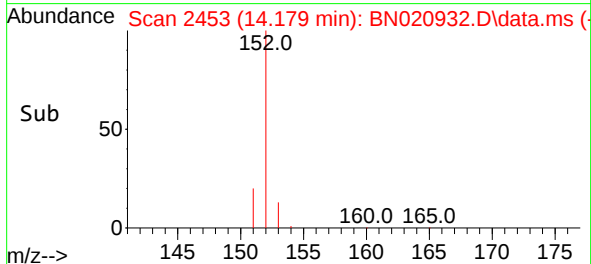
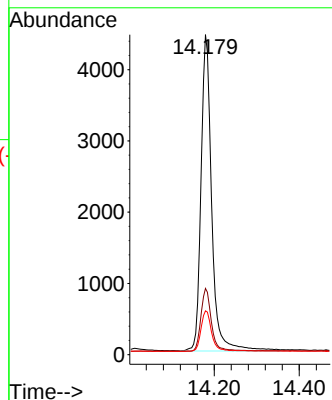
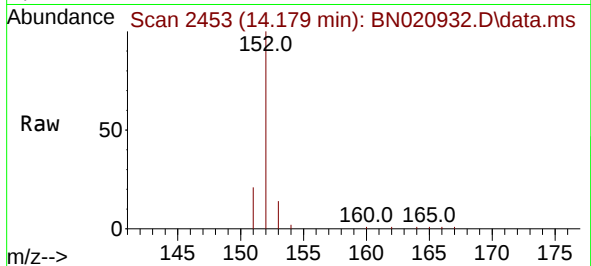




#10
Acenaphthylene
Concen: 0.414 ng/ul
RT: 14.179 min Scan# 2453
Delta R.T. 0.000 min
Lab File: BN020932.D
Acq: 01 Aug 2022 22:41

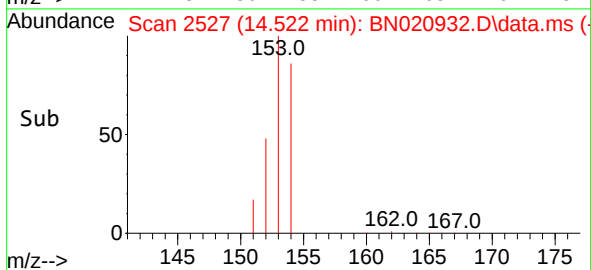
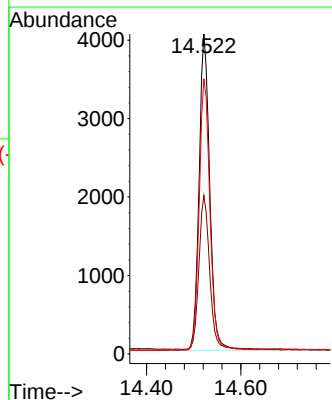
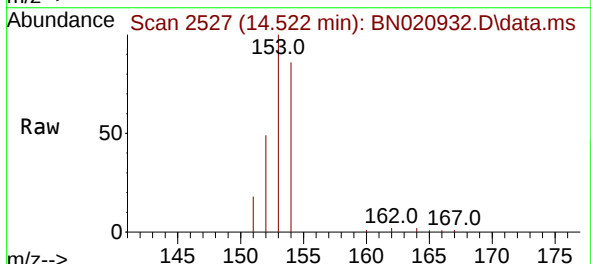
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ClientSampleId :
SICV229

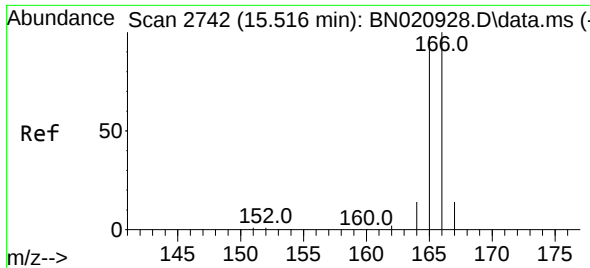
Tgt Ion:	152	Resp:	7747
Ion Ratio	Lower	Upper	
152	100		
151	20.7	16.9	25.3
153	13.7	11.2	16.8



#11
Acenaphthene
Concen: 0.405 ng/ul
RT: 14.522 min Scan# 2527
Delta R.T. 0.000 min
Lab File: BN020932.D
Acq: 01 Aug 2022 22:41

Tgt Ion:	153	Resp:	6332
Ion Ratio	Lower	Upper	
153	100		
152	49.5	40.2	60.4
154	86.0	70.7	106.1

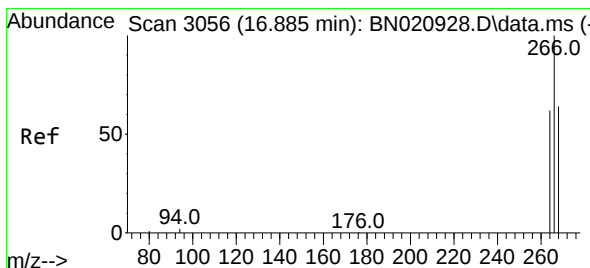
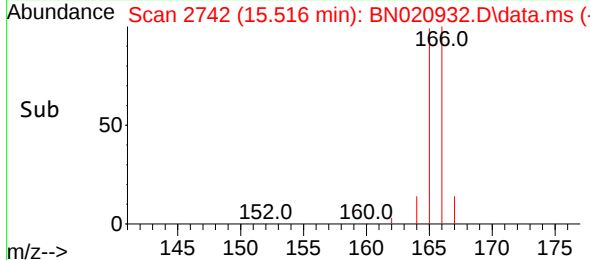
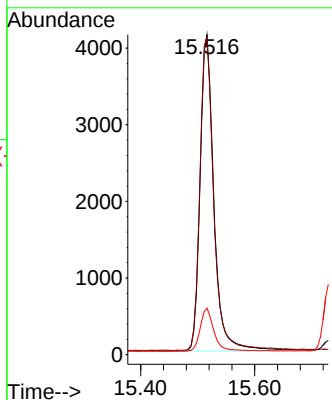
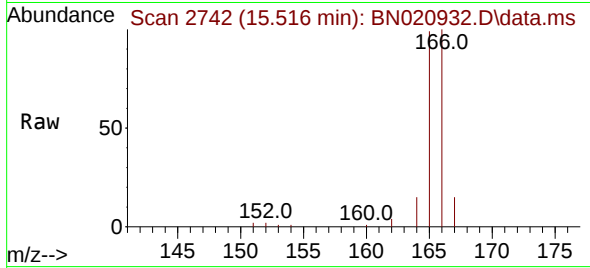




#12
 Fluorene
 Concen: 0.384 ng/ul
 RT: 15.516 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN020932.D
 Acq: 01 Aug 2022 22:41

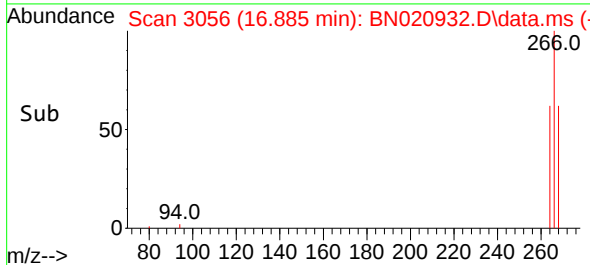
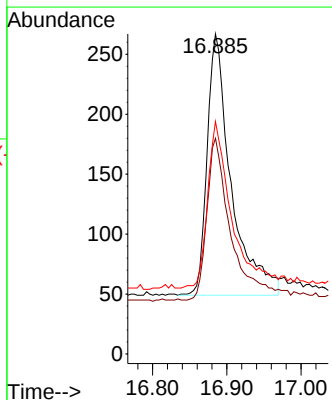
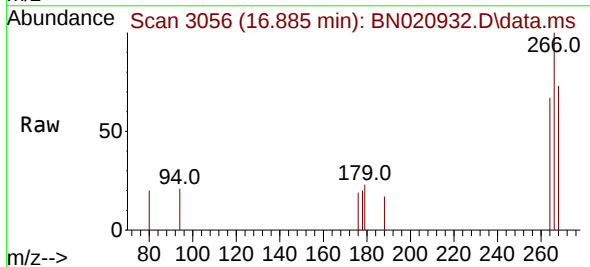
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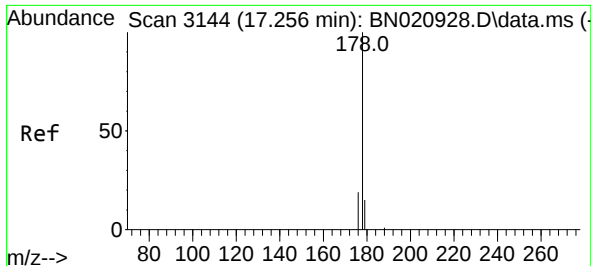
Tgt Ion:166 Resp: 6917
 Ion Ratio Lower Upper
 166 100
 165 99.0 78.6 117.8
 167 14.6 11.8 17.6



#14
 Pentachlorophenol
 Concen: 0.339 ng/ul
 RT: 16.885 min Scan# 3056
 Delta R.T. 0.000 min
 Lab File: BN020932.D
 Acq: 01 Aug 2022 22:41

Tgt Ion:266 Resp: 491
 Ion Ratio Lower Upper
 266 100
 264 60.9 49.8 74.8
 268 63.7 50.6 75.8

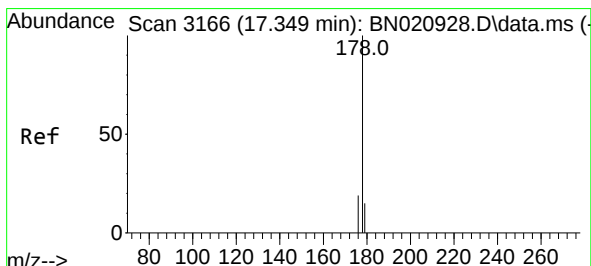
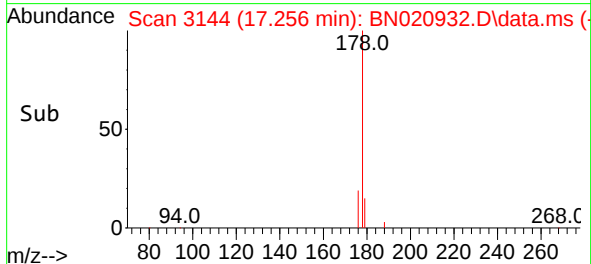
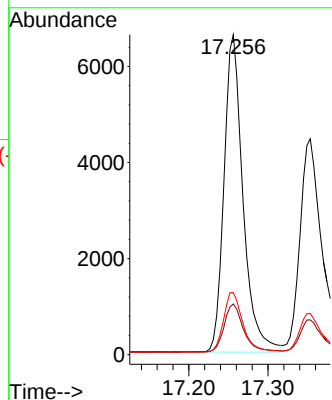
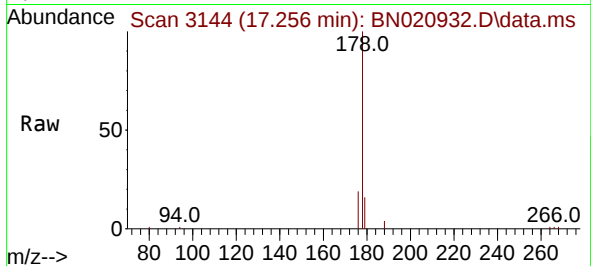




#15
Phenanthrene
Concen: 0.359 ng/u1
RT: 17.256 min Scan# 3144
Delta R.T. 0.000 min
Lab File: BN020932.D
Acq: 01 Aug 2022 22:41

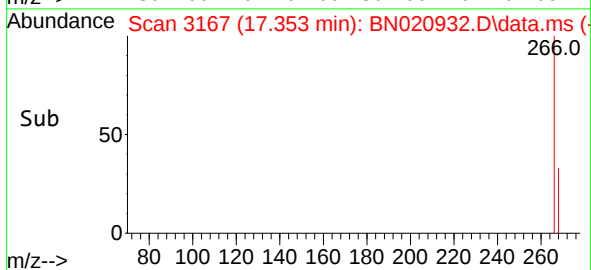
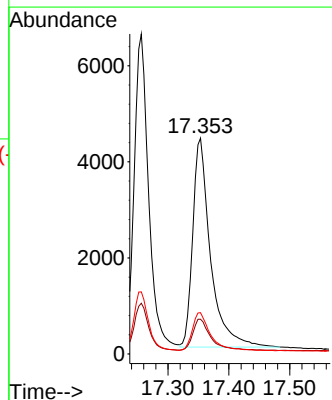
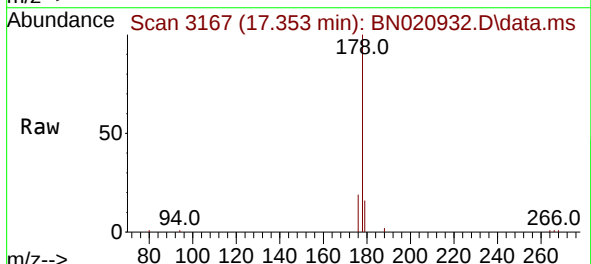
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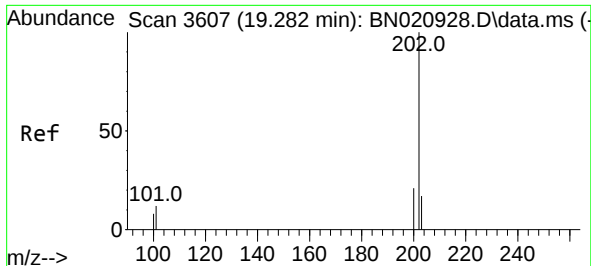
Tgt Ion:	178	Resp:	11028
Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.8	19.2
176	19.4	15.9	23.9



#16
Anthracene
Concen: 0.335 ng/u1
RT: 17.353 min Scan# 3167
Delta R.T. 0.004 min
Lab File: BN020932.D
Acq: 01 Aug 2022 22:41

Tgt Ion:	178	Resp:	8842
Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.9	19.3
176	19.1	15.9	23.9

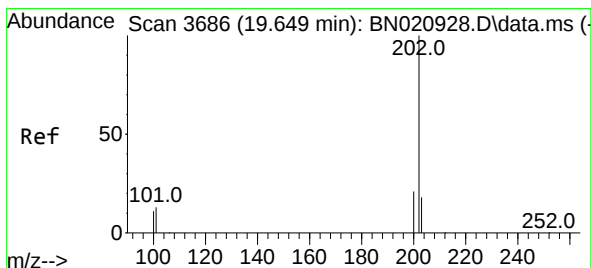
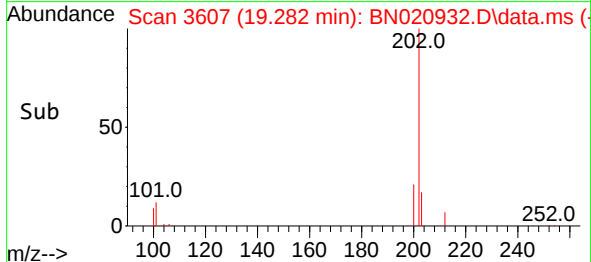
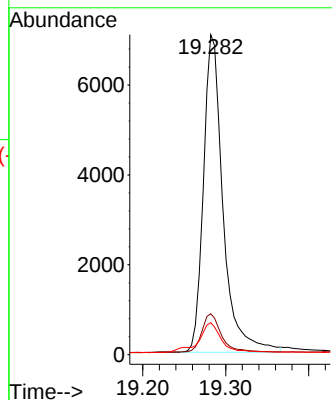
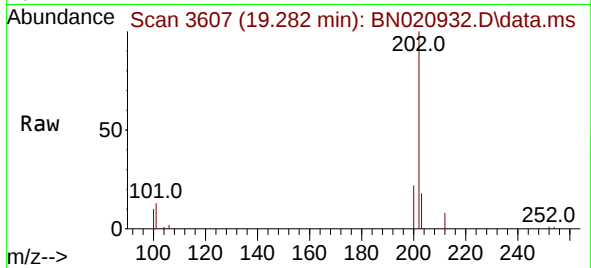




#19
Fluoranthene
Concen: 0.335 ng/u1
RT: 19.282 min Scan# 3607
Delta R.T. 0.000 min
Lab File: BN020932.D
Acq: 01 Aug 2022 22:41

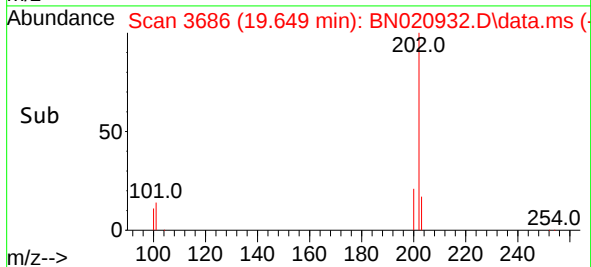
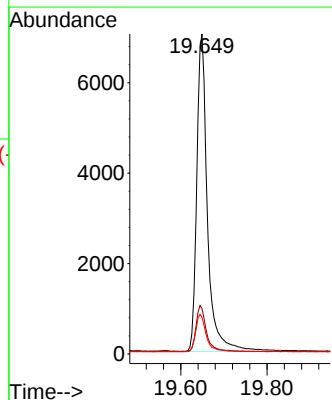
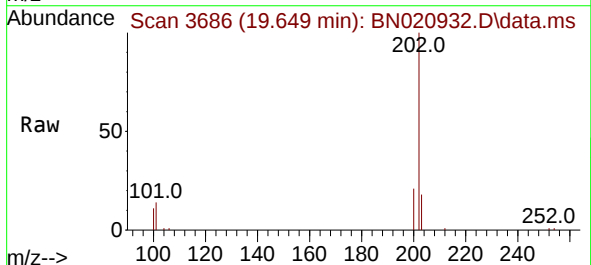
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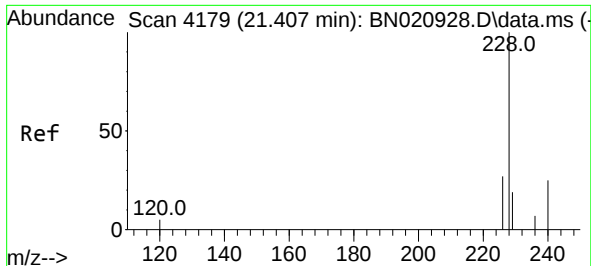
Tgt Ion:202 Resp: 11604
Ion Ratio Lower Upper
202 100
101 12.8 10.0 15.0
100 10.0 8.0 12.0



#20
Pyrene
Concen: 0.334 ng/u1
RT: 19.649 min Scan# 3686
Delta R.T. 0.000 min
Lab File: BN020932.D
Acq: 01 Aug 2022 22:41

Tgt Ion:202 Resp: 12103
Ion Ratio Lower Upper
202 100
101 14.2 11.3 16.9
100 11.5 9.0 13.4

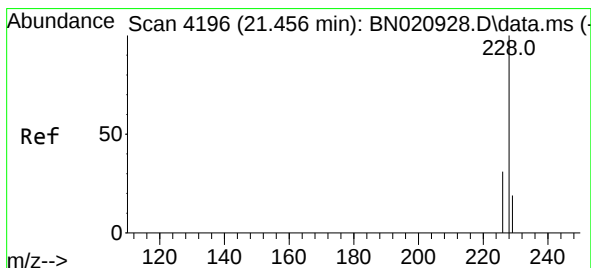
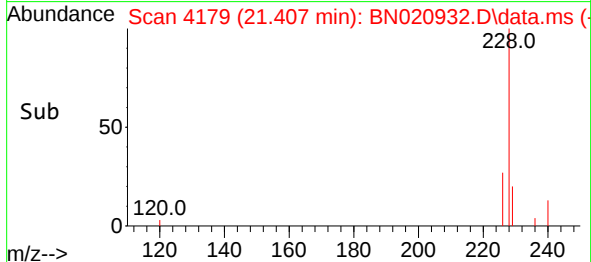
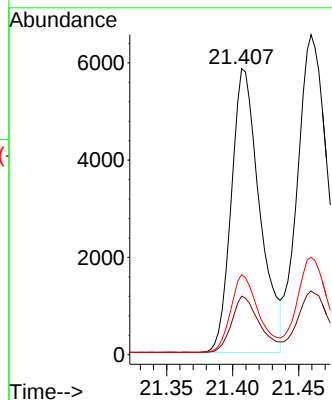
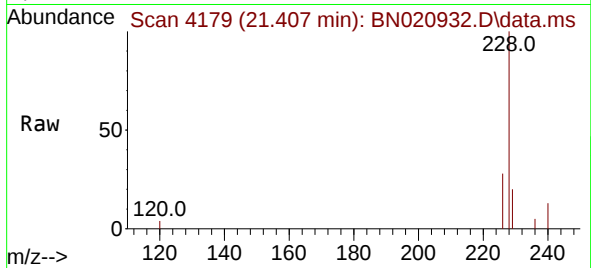




#21
Benzo(a)anthracene
Concen: 0.313 ng/ul
RT: 21.407 min Scan# 4179
Delta R.T. 0.000 min
Lab File: BN020932.D
Acq: 01 Aug 2022 22:41

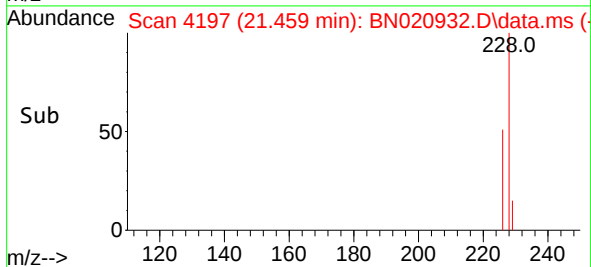
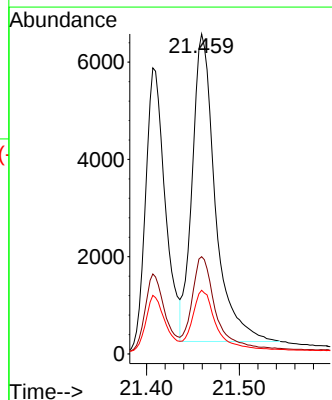
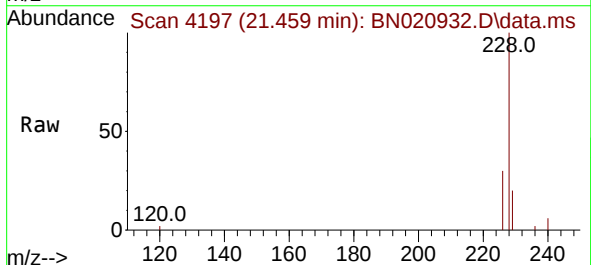
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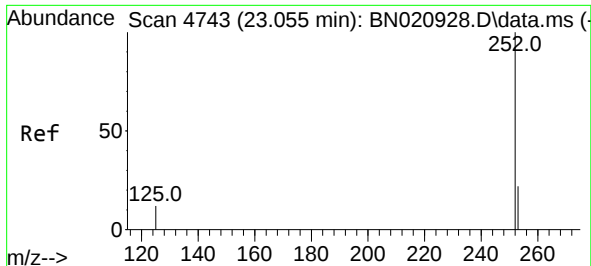
Tgt Ion:228 Resp: 8750
Ion Ratio Lower Upper
228 100
229 20.5 16.0 24.0
226 28.0 21.9 32.9



#22
Chrysene
Concen: 0.316 ng/ul
RT: 21.459 min Scan# 4197
Delta R.T. 0.003 min
Lab File: BN020932.D
Acq: 01 Aug 2022 22:41

Tgt Ion:228 Resp: 10916
Ion Ratio Lower Upper
228 100
226 30.4 24.6 37.0
229 19.9 15.8 23.8

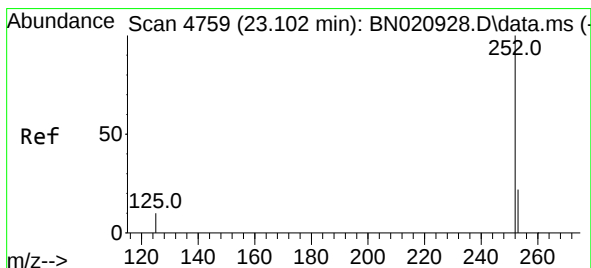
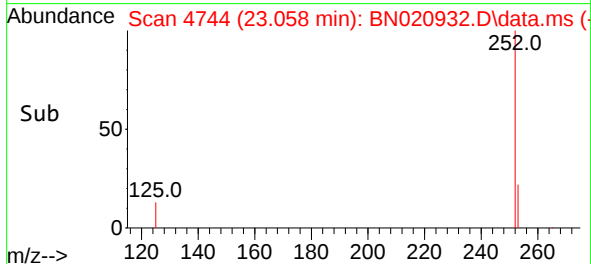
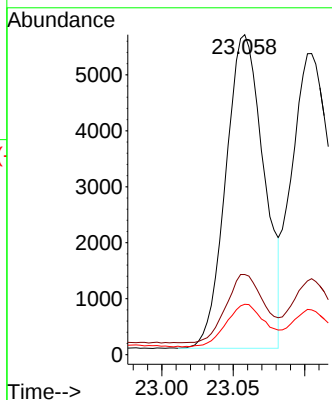
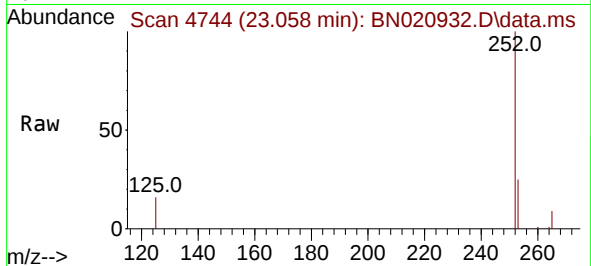




#24
Benzo(b)fluoranthene
Concen: 0.328 ng/ul
RT: 23.058 min Scan# 4743
Delta R.T. 0.003 min
Lab File: BN020932.D
Acq: 01 Aug 2022 22:41

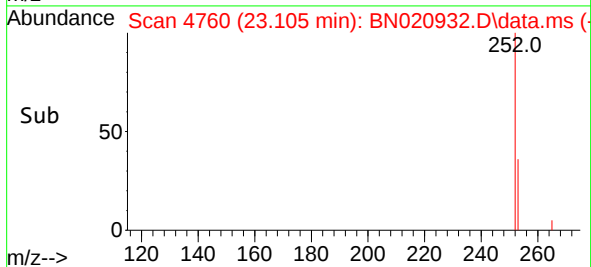
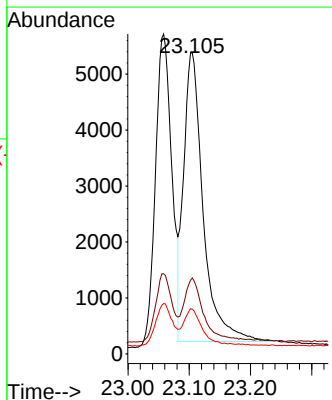
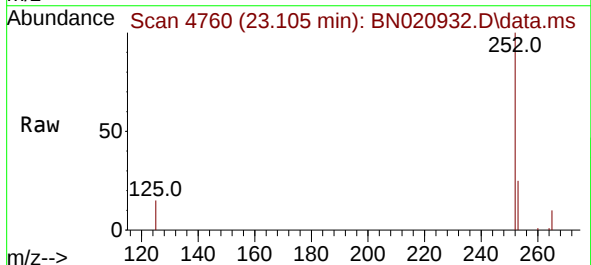
Instrument :
BNA_N
ClientSampleId :
SICV229

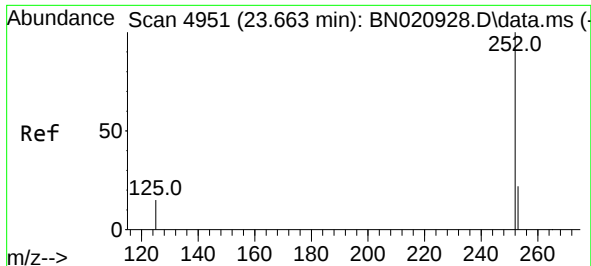
Tgt Ion:252 Resp: 10423
Ion Ratio Lower Upper
252 100
253 25.0 0.0 50.8
125 15.8 0.0 30.0



#25
Benzo(k)fluoranthene
Concen: 0.332 ng/ul
RT: 23.105 min Scan# 4760
Delta R.T. 0.003 min
Lab File: BN020932.D
Acq: 01 Aug 2022 22:41

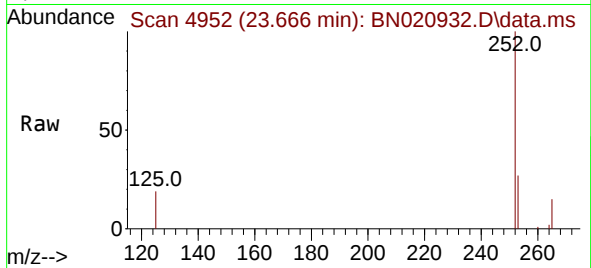
Tgt Ion:252 Resp: 11430
Ion Ratio Lower Upper
252 100
253 25.3 20.6 31.0
125 14.9 11.8 17.6



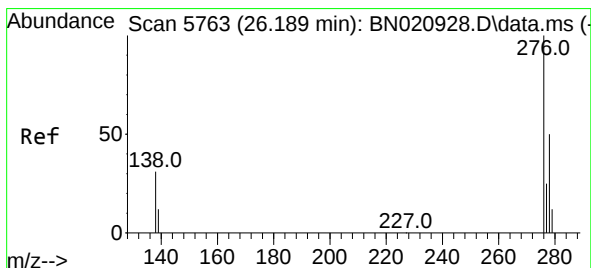
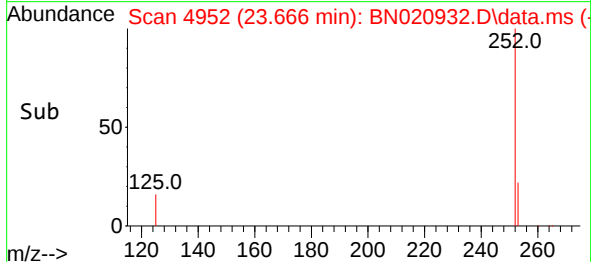
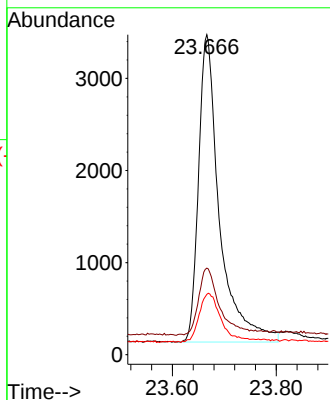


#26
Benzo(a)pyrene
Concen: 0.311 ng/ul
RT: 23.666 min Scan# 4951
Delta R.T. 0.003 min
Lab File: BN020932.D
Acq: 01 Aug 2022 22:41

Instrument :
BNA_N
ClientSampleId :
SICV229

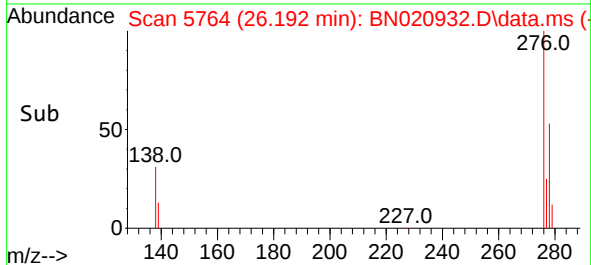
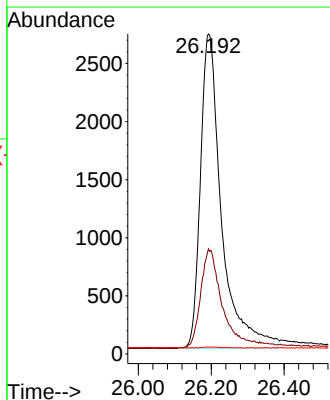
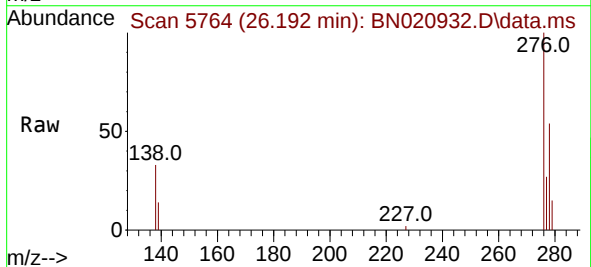


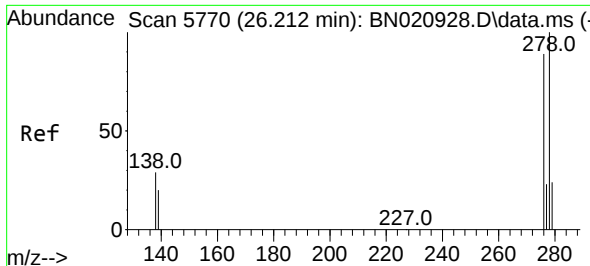
Tgt Ion:252 Resp: 9325
Ion Ratio Lower Upper
252 100
253 27.1 22.1 33.1
125 18.9 14.7 22.1



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.309 ng/ul
RT: 26.192 min Scan# 5764
Delta R.T. 0.004 min
Lab File: BN020932.D
Acq: 01 Aug 2022 22:41

Tgt Ion:276 Resp: 10888
Ion Ratio Lower Upper
276 100
138 32.6 26.1 39.1
227 0.1 0.1 0.1

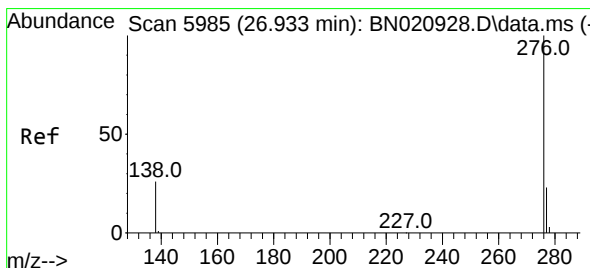
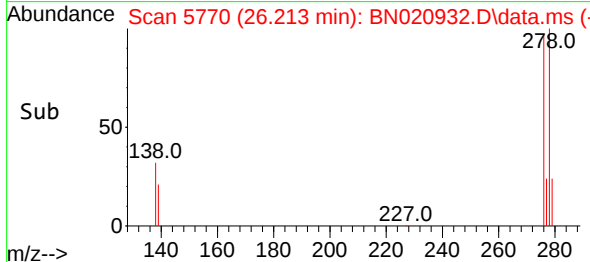
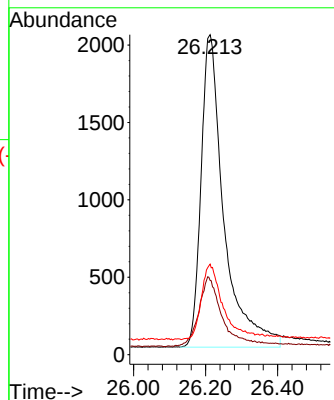
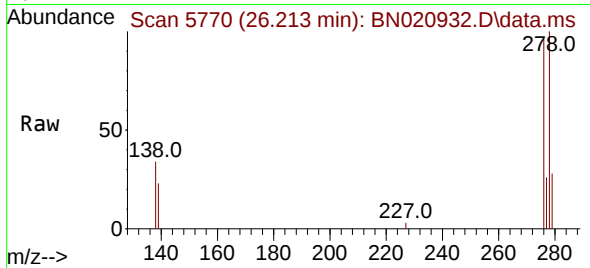




#28
Dibenzo(a,h)anthracene
Concen: 0.307 ng/ul
RT: 26.213 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN020932.D
Acq: 01 Aug 2022 22:41

Instrument :
BNA_N
ClientSampleId :
SICV229

Tgt Ion:	278	Resp:	8876
Ion Ratio	Lower	Upper	
278	100		
139	23.2	18.3	27.5
279	28.3	23.9	35.9



#29
Benzo(g,h,i)perylene
Concen: 0.317 ng/ul
RT: 26.934 min Scan# 5985
Delta R.T. 0.000 min
Lab File: BN020932.D
Acq: 01 Aug 2022 22:41

Tgt Ion:	276	Resp:	10176
Ion Ratio	Lower	Upper	
276	100		
138	29.3	22.6	34.0
277	25.2	20.2	30.2

