

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080922\
 Data File : BN021082.D
 Acq On : 09 Aug 2022 13:03
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

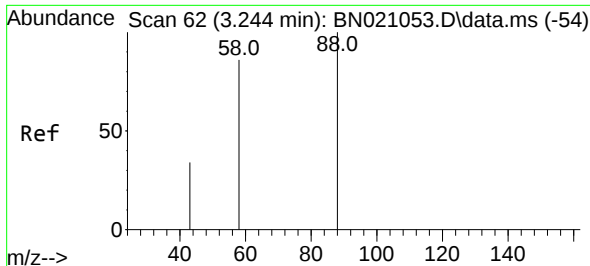
Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 09 23:11:32 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 09 23:10:06 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

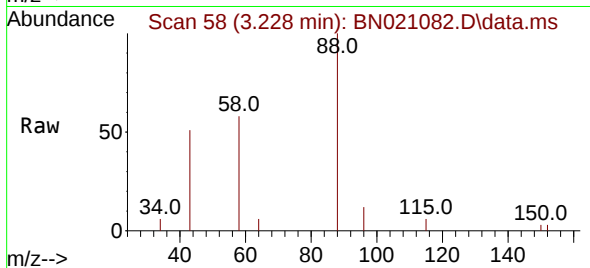
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.780	152	3009	0.400	ng/ul	0.00
4) Naphthalene-d8	10.579	136	9747	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.437	164	5715	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.192	188	11192	0.400	ng/ul	0.00
17) Chrysene-d12	21.404	240	8598	0.400	ng/ul	0.00
23) Perylene-d12	23.740	264	6572	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.194	96	1471	0.382	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.179	152	6101	0.427	ng/ul	0.00
18) Fluoranthene-d10	19.230	212	12020	0.453	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.228	88	1564	0.394	ng/ul#	90
5) Naphthalene	10.628	128	10362	0.346	ng/ul	98
7) 2-Methylnaphthalene	12.250	142	6702	0.369	ng/ul	100
8) 1-Methylnaphthalene	12.470	142	7180	0.395	ng/ul	100
10) Acenaphthylene	14.155	152	9556	0.358	ng/ul	99
11) Acenaphthene	14.502	153	7380	0.334	ng/ul	99
12) Fluorene	15.492	166	8264	0.342	ng/ul	99
14) Pentachlorophenol	16.854	266	810	0.469	ng/ul	99
15) Phenanthrene	17.230	178	13020	0.325	ng/ul	99
16) Anthracene	17.322	178	11377	0.367	ng/ul	98
19) Fluoranthene	19.262	202	14269	0.375	ng/ul	99
20) Pyrene	19.625	202	14574	0.371	ng/ul	98
21) Benzo(a)anthracene	21.387	228	10615	0.378	ng/ul	99
22) Chrysene	21.442	228	11601	0.314	ng/ul	98
24) Benzo(b)fluoranthene	23.029	252	10097	0.332	ng/ul	97
25) Benzo(k)fluoranthene	23.076	252	10000	0.311	ng/ul	98
26) Benzo(a)pyrene	23.634	252	9188	0.331	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.149	276	8766	0.265	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.166	278	6952	0.265	ng/ul	98
29) Benzo(g,h,i)perylene	26.887	276	7904	0.267	ng/ul	97

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

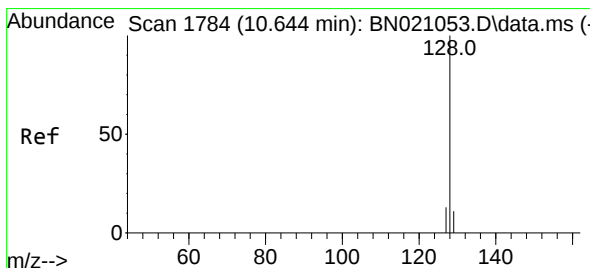
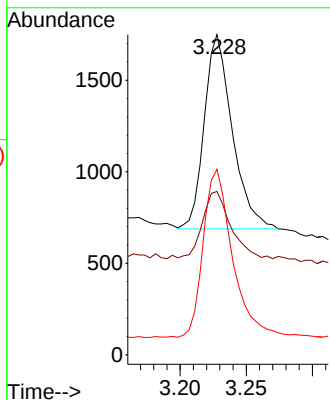
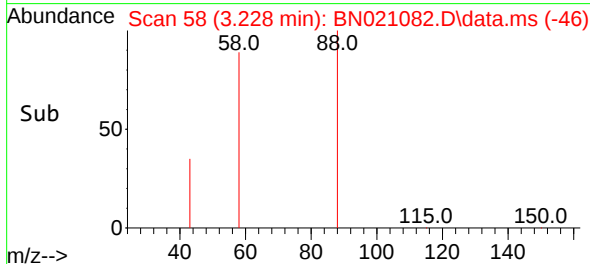


#2
 1,4-Dioxane
 Concen: 0.394 ng/ul
 RT: 3.228 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: BN021082.D
 Acq: 09 Aug 2022 13:03

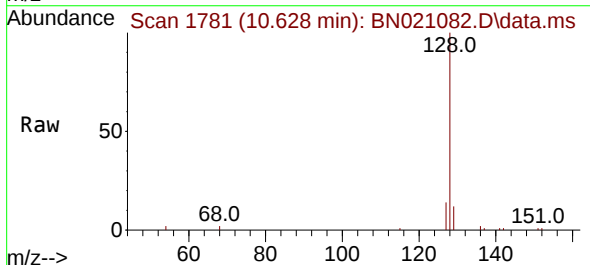
Instrument :
 BNA_N
 ClientSampleId :



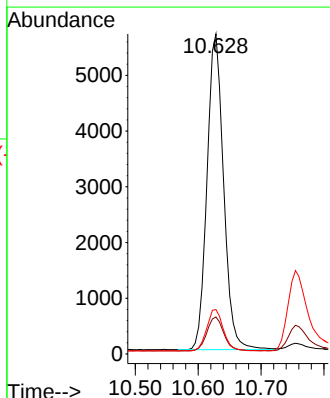
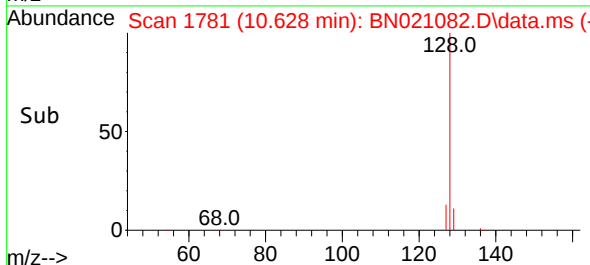
Tgt Ion: 88 Resp: 1564
 Ion Ratio Lower Upper
 88 100
 43 51.0 31.4 47.0#
 58 58.0 49.0 73.6

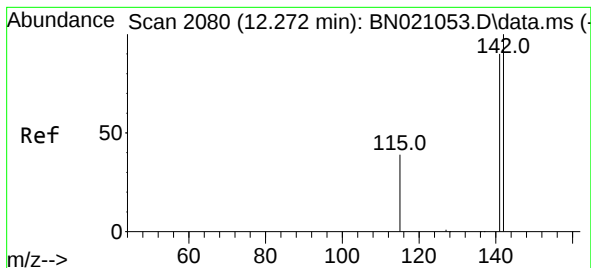


#5
 Naphthalene
 Concen: 0.346 ng/ul
 RT: 10.628 min Scan# 1781
 Delta R.T. 0.000 min
 Lab File: BN021082.D
 Acq: 09 Aug 2022 13:03



Tgt Ion: 128 Resp: 10362
 Ion Ratio Lower Upper
 128 100
 129 11.5 9.8 14.6
 127 13.9 11.6 17.4





#7

2-Methylnaphthalene

Concen: 0.369 ng/ul

RT: 12.250 min Scan# 2080

Delta R.T. 0.000 min

Lab File: BN021082.D

Acq: 09 Aug 2022 13:03

Instrument :

BNA_N

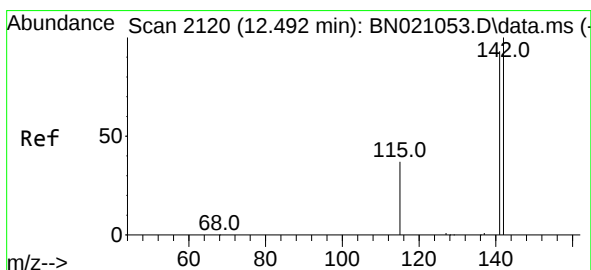
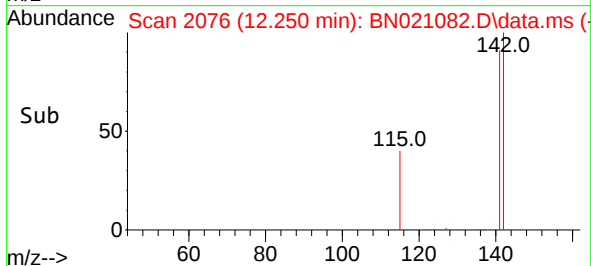
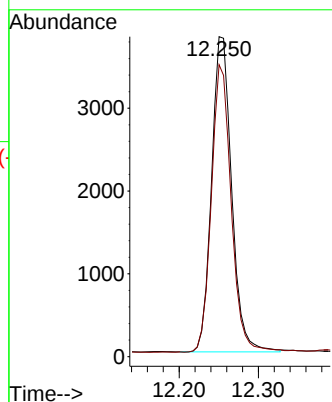
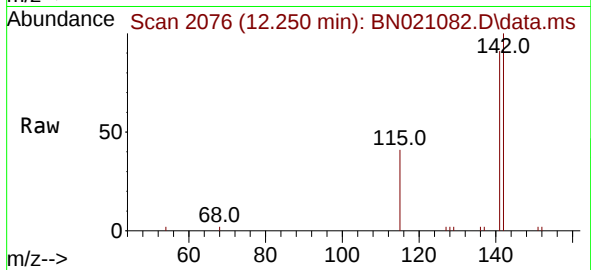
ClientSampleId :

Tgt Ion:142 Resp: 6702

Ion Ratio Lower Upper

142 100

141 89.9 72.2 108.2



#8

1-Methylnaphthalene

Concen: 0.395 ng/ul

RT: 12.470 min Scan# 2116

Delta R.T. 0.000 min

Lab File: BN021082.D

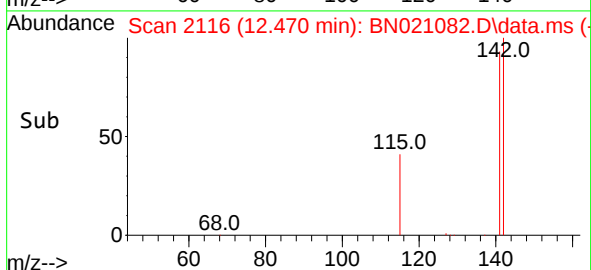
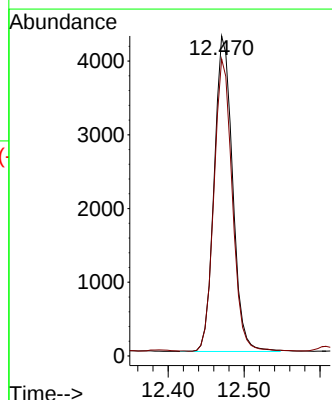
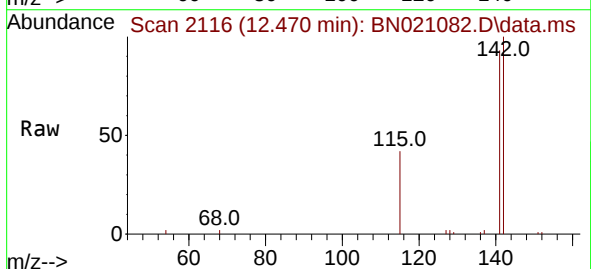
Acq: 09 Aug 2022 13:03

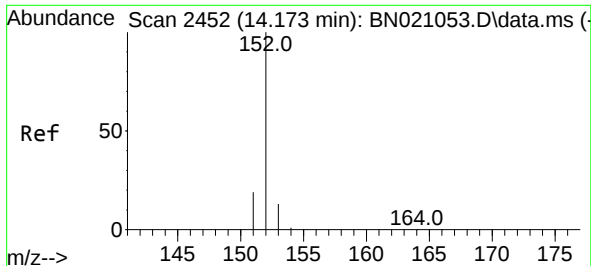
Tgt Ion:142 Resp: 7180

Ion Ratio Lower Upper

142 100

141 92.0 73.9 110.9

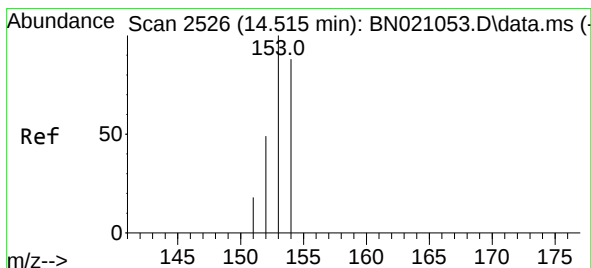
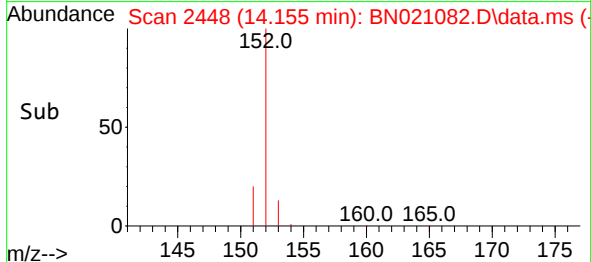
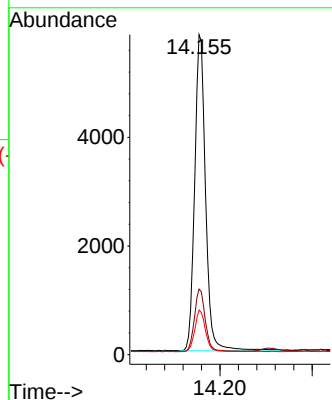
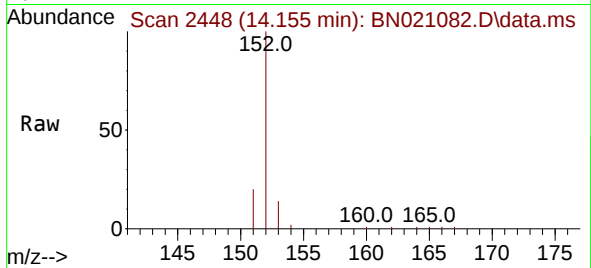




#10
Acenaphthylene
Concen: 0.358 ng/ul
RT: 14.155 min Scan# 2452
Delta R.T. 0.000 min
Lab File: BN021082.D
Acq: 09 Aug 2022 13:03

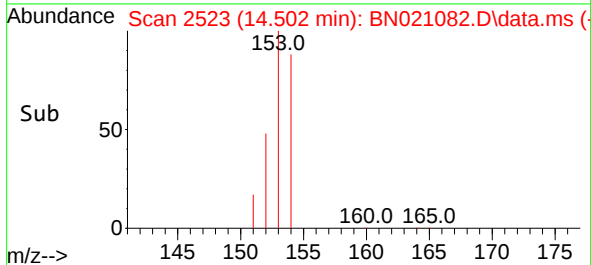
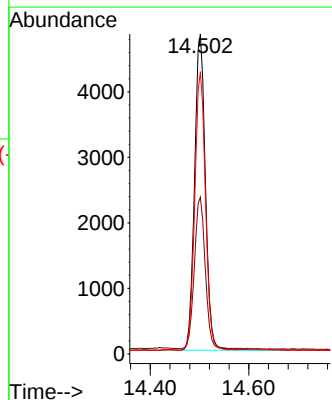
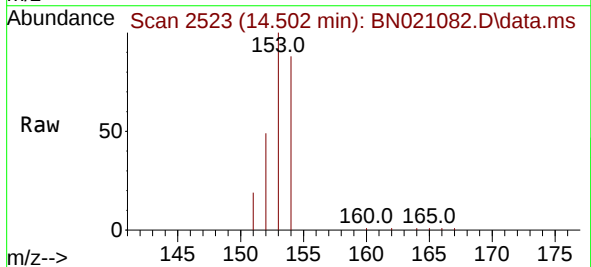
Instrument :
BNA_N
ClientSampleId :

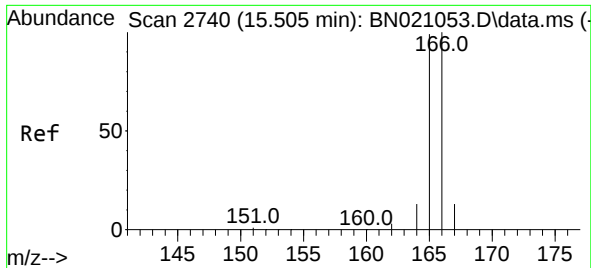
Tgt Ion:152 Resp: 9556
Ion Ratio Lower Upper
152 100
151 20.5 16.9 25.3
153 13.9 11.2 16.8



#11
Acenaphthene
Concen: 0.334 ng/ul
RT: 14.502 min Scan# 2523
Delta R.T. 0.000 min
Lab File: BN021082.D
Acq: 09 Aug 2022 13:03

Tgt Ion:153 Resp: 7380
Ion Ratio Lower Upper
153 100
152 49.0 40.2 60.4
154 88.2 70.7 106.1

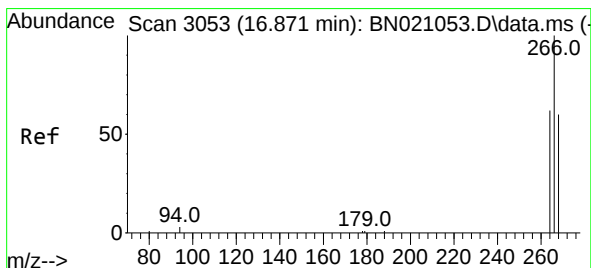
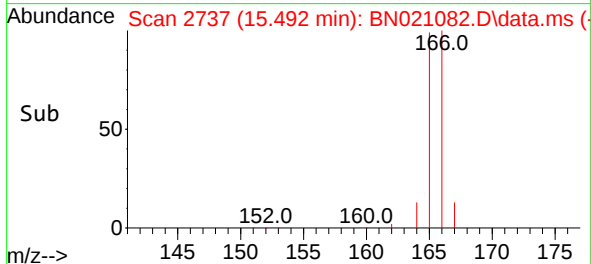
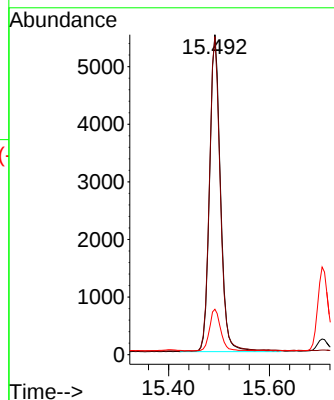
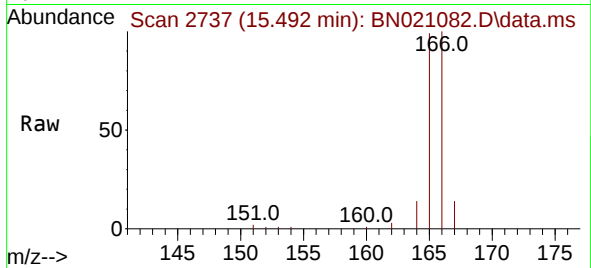




#12
Fluorene
Concen: 0.342 ng/ul
RT: 15.492 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN021082.D
Acq: 09 Aug 2022 13:03

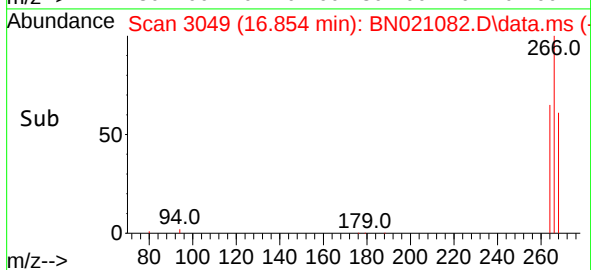
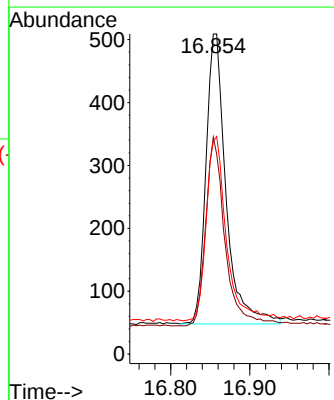
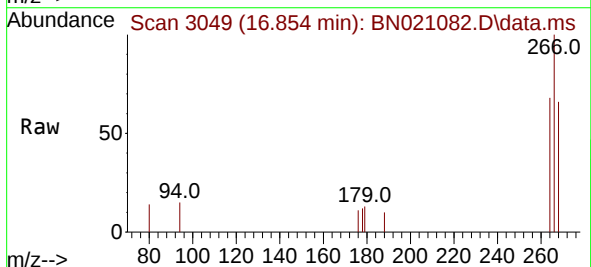
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ClientSampleId :

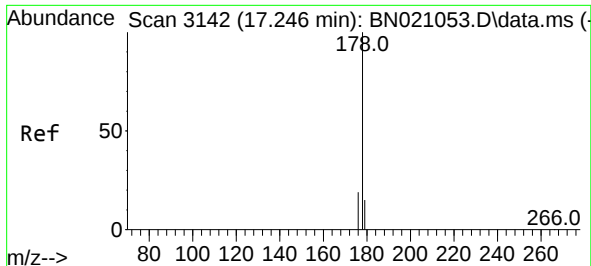
Tgt Ion:166 Resp: 8264
Ion Ratio Lower Upper
166 100
165 99.4 78.6 117.8
167 14.2 11.8 17.6



#14
Pentachlorophenol
Concen: 0.469 ng/ul
RT: 16.854 min Scan# 3049
Delta R.T. 0.000 min
Lab File: BN021082.D
Acq: 09 Aug 2022 13:03

Tgt Ion:266 Resp: 810
Ion Ratio Lower Upper
266 100
264 62.7 49.8 74.8
268 64.1 50.6 75.8

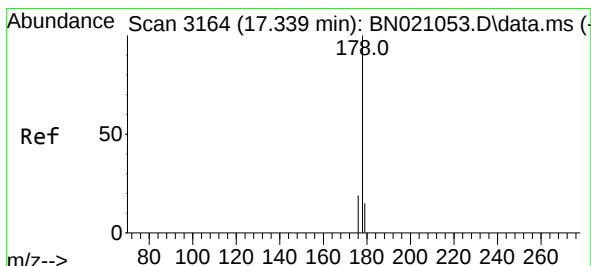
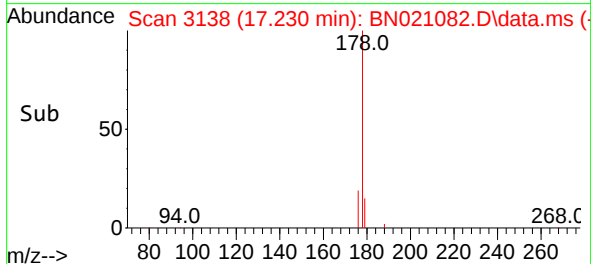
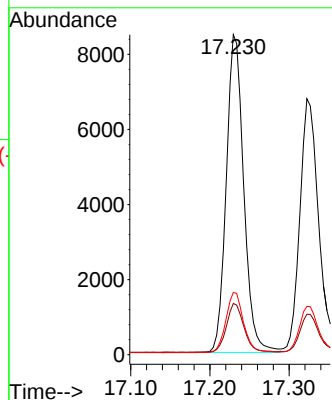
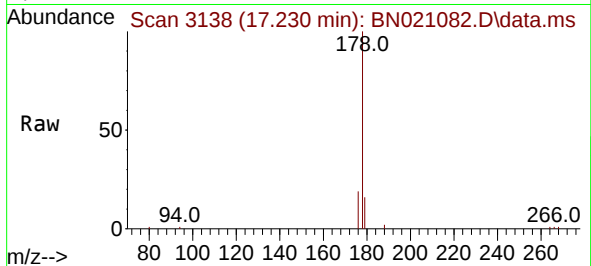




#15
Phenanthrene
Concen: 0.325 ng/ul
RT: 17.230 min Scan# 3142
Delta R.T. 0.000 min
Lab File: BN021082.D
Acq: 09 Aug 2022 13:03

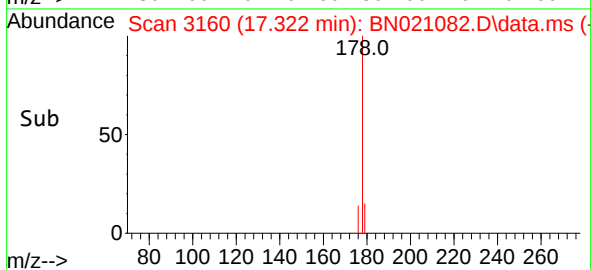
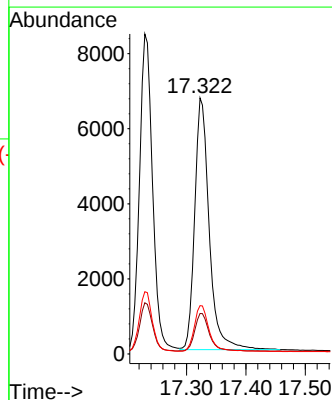
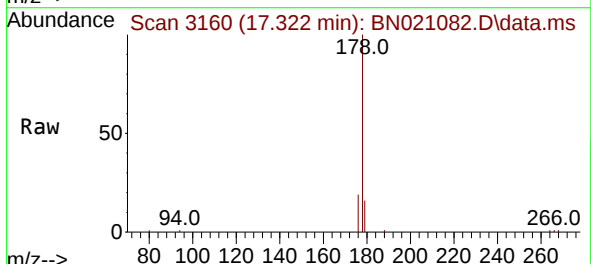
Instrument :
BNA_N
ClientSampleId :

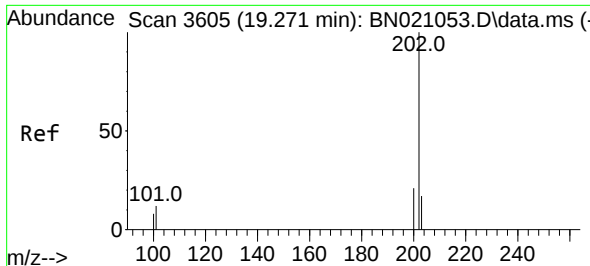
Tgt Ion:178 Resp: 13020
Ion Ratio Lower Upper
178 100
179 16.0 12.8 19.2
176 19.4 15.9 23.9



#16
Anthracene
Concen: 0.367 ng/ul
RT: 17.322 min Scan# 3160
Delta R.T. 0.000 min
Lab File: BN021082.D
Acq: 09 Aug 2022 13:03

Tgt Ion:178 Resp: 11377
Ion Ratio Lower Upper
178 100
179 15.8 12.9 19.3
176 18.9 15.9 23.9

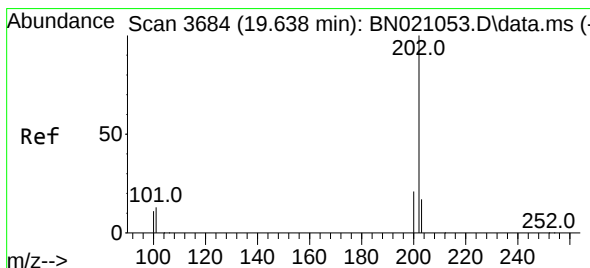
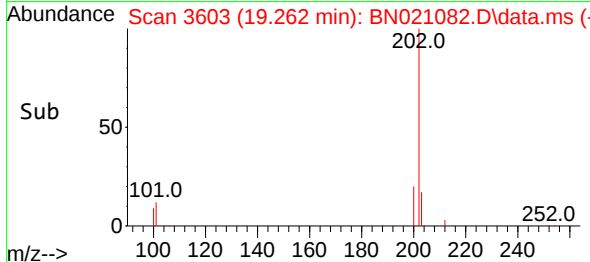
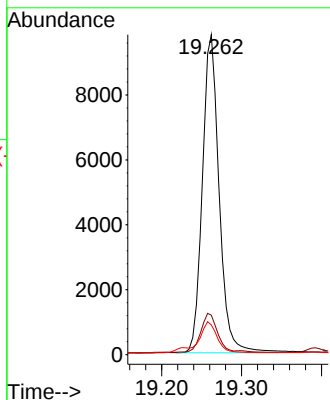
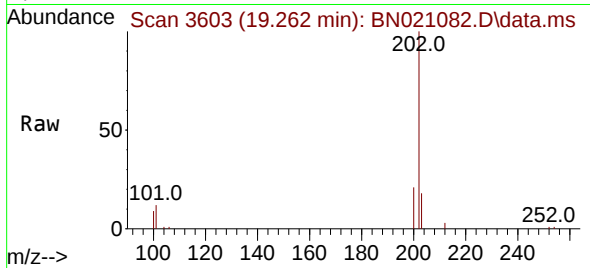




#19
Fluoranthene
Concen: 0.375 ng/ul
RT: 19.262 min Scan# 3603
Delta R.T. 0.000 min
Lab File: BN021082.D
Acq: 09 Aug 2022 13:03

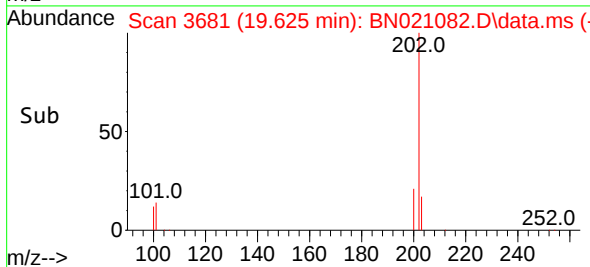
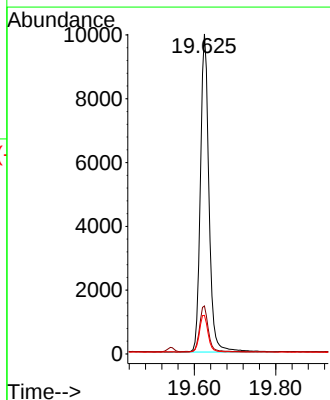
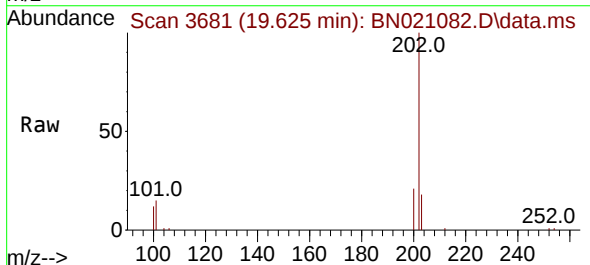
Instrument :
BNA_N
ClientSampleId :

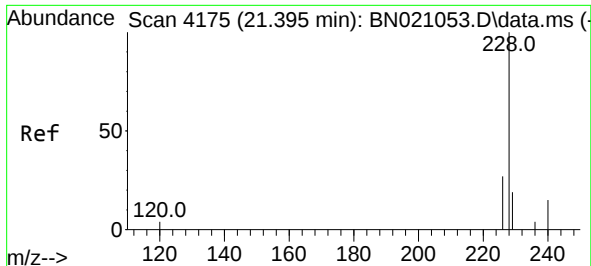
Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.3	10.0	15.0
100	9.3	8.0	12.0



#20
Pyrene
Concen: 0.371 ng/ul
RT: 19.625 min Scan# 3681
Delta R.T. 0.000 min
Lab File: BN021082.D
Acq: 09 Aug 2022 13:03

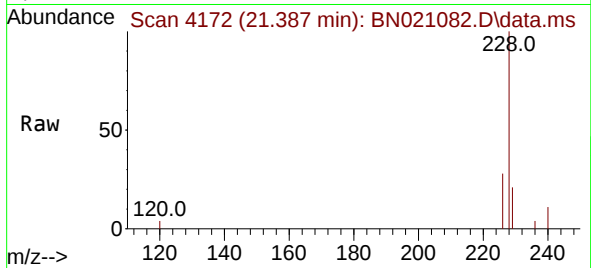
Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.0	11.3	16.9
100	12.1	9.0	13.4



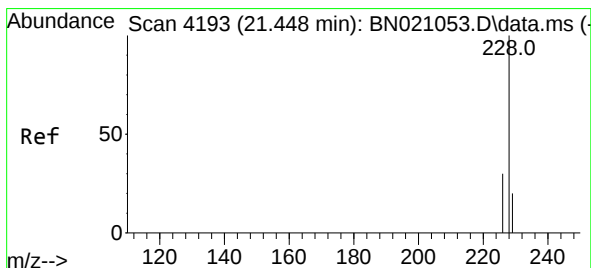
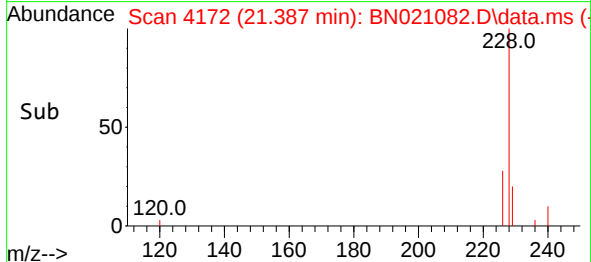
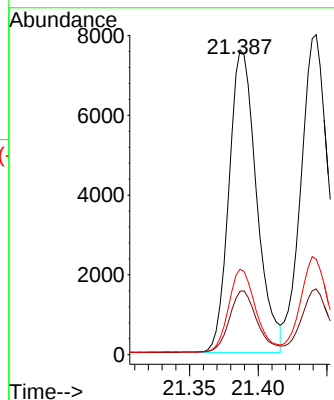


#21
Benzo(a)anthracene
Concen: 0.378 ng/ul
RT: 21.387 min Scan# 4175
Delta R.T. 0.000 min
Lab File: BN021082.D
Acq: 09 Aug 2022 13:03

Instrument :
BNA_N
ClientSampleId :

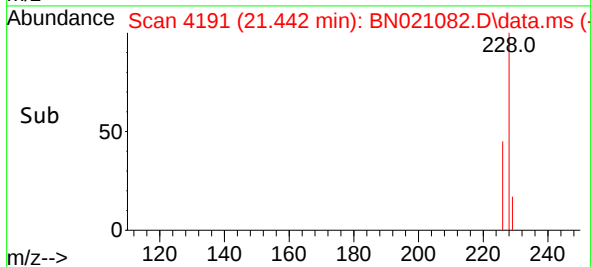
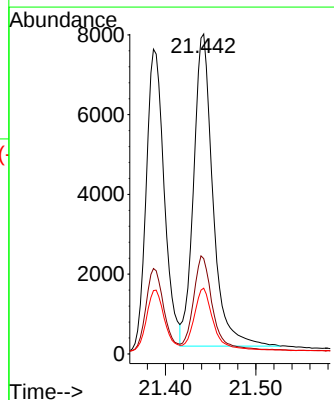
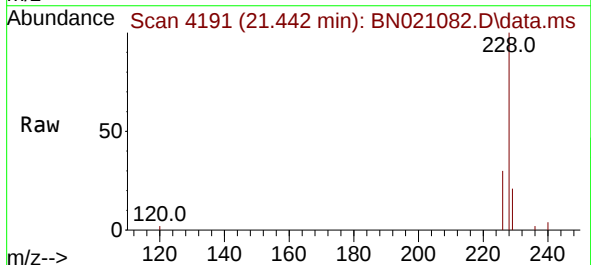


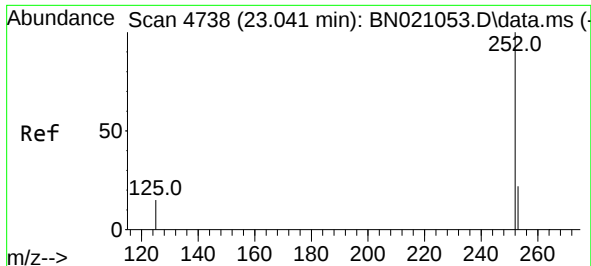
Tgt Ion:228 Resp: 10615
Ion Ratio Lower Upper
228 100
229 20.8 16.0 24.0
226 28.0 21.9 32.9



#22
Chrysene
Concen: 0.314 ng/ul
RT: 21.442 min Scan# 4191
Delta R.T. 0.000 min
Lab File: BN021082.D
Acq: 09 Aug 2022 13:03

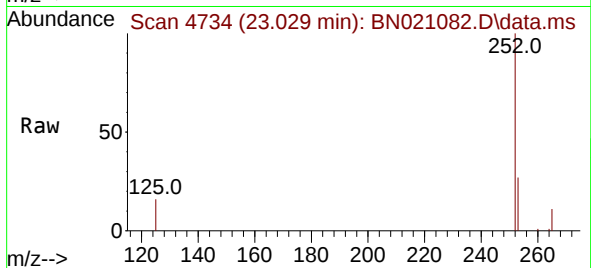
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Ion Ratio Lower Upper
228 100
226 29.8 24.6 37.0
229 20.6 15.8 23.8



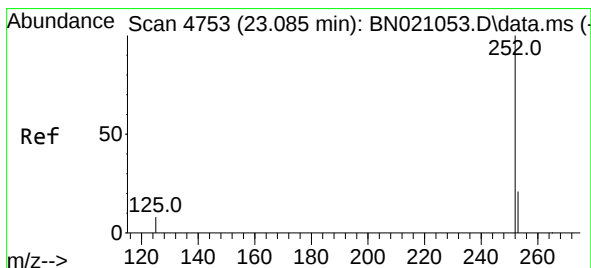
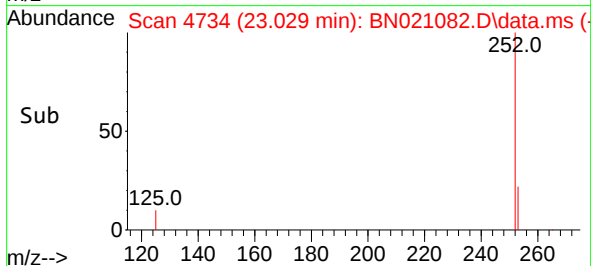
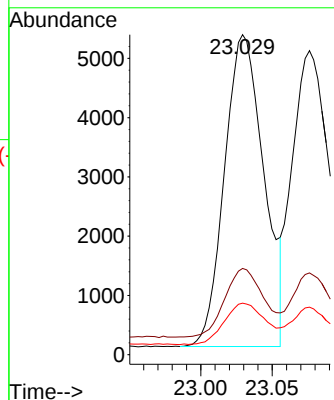


#24
Benzo(b)fluoranthene
Concen: 0.332 ng/ul
RT: 23.029 min Scan# 4734
Delta R.T. 0.000 min
Lab File: BN021082.D
Acq: 09 Aug 2022 13:03

Instrument :
BNA_N
ClientSampleId :

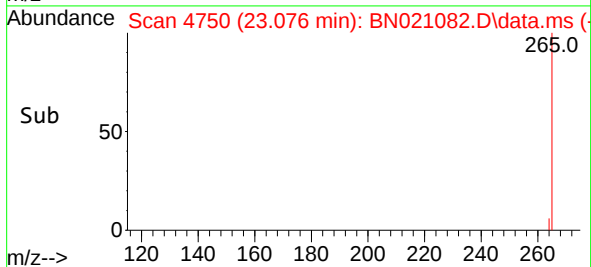
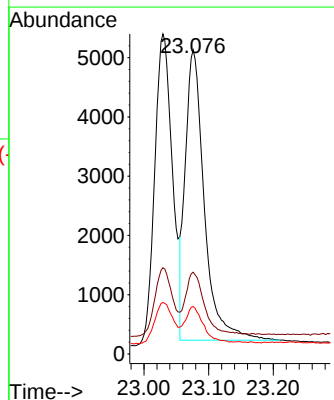
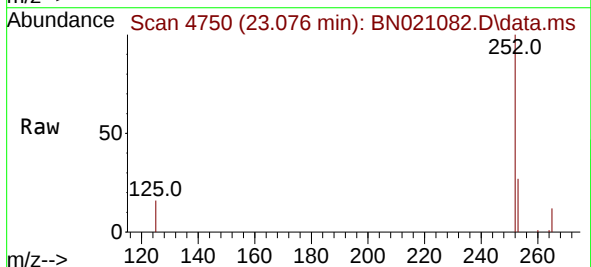


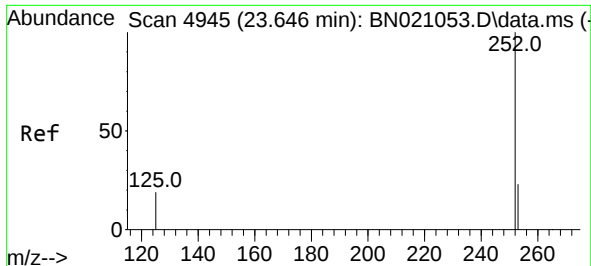
Tgt Ion:252 Resp: 10097
Ion Ratio Lower Upper
252 100
253 26.9 0.0 50.8
125 16.1 0.0 30.0



#25
Benzo(k)fluoranthene
Concen: 0.311 ng/ul
RT: 23.076 min Scan# 4750
Delta R.T. 0.000 min
Lab File: BN021082.D
Acq: 09 Aug 2022 13:03

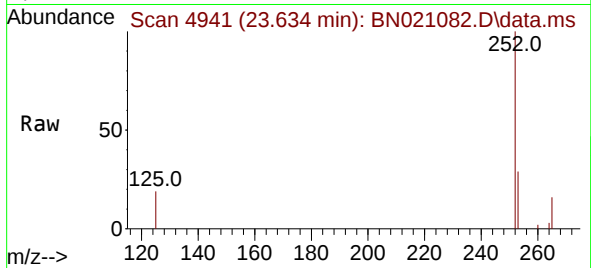
Tgt Ion:252 Resp: 10000
Ion Ratio Lower Upper
252 100
253 26.9 20.6 31.0
125 15.7 11.8 17.6



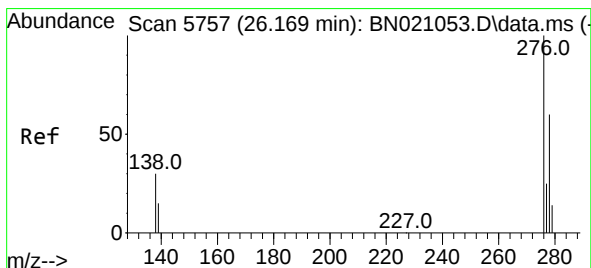
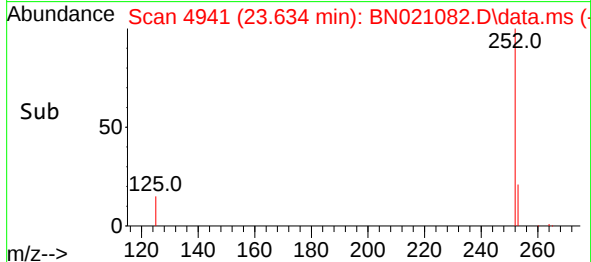
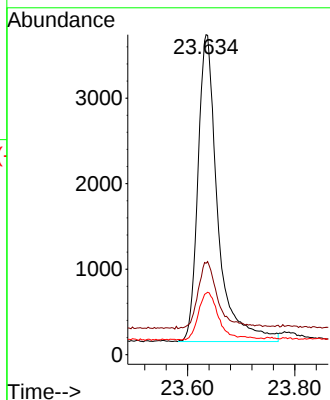


#26
Benzo(a)pyrene
Concen: 0.331 ng/ul
RT: 23.634 min Scan# 4945
Delta R.T. 0.000 min
Lab File: BN021082.D
Acq: 09 Aug 2022 13:03

Instrument :
BNA_N
ClientSampleId :

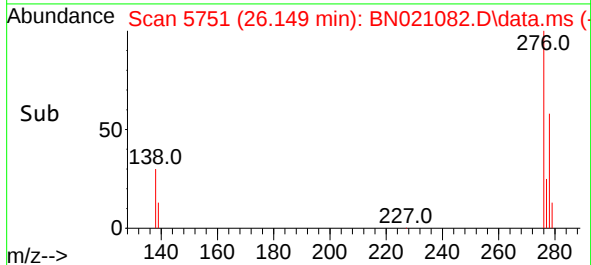
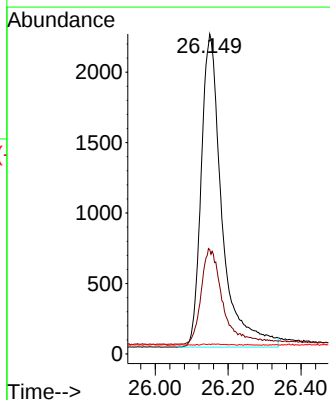
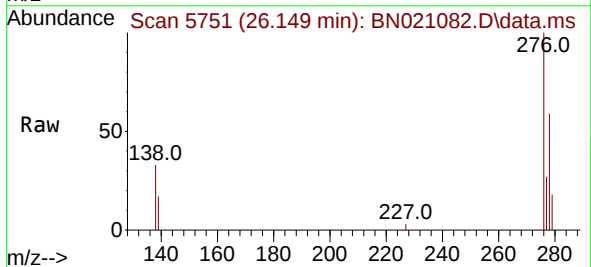


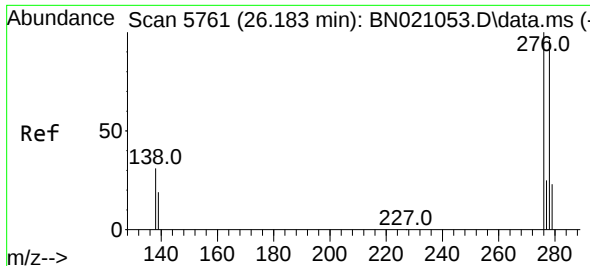
Tgt Ion:252 Resp: 9188
Ion Ratio Lower Upper
252 100
253 28.5 22.1 33.1
125 19.2 14.7 22.1



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.265 ng/ul
RT: 26.149 min Scan# 5751
Delta R.T. 0.000 min
Lab File: BN021082.D
Acq: 09 Aug 2022 13:03

Tgt Ion:276 Resp: 8766
Ion Ratio Lower Upper
276 100
138 32.5 26.1 39.1
227 0.2 0.1 0.1#

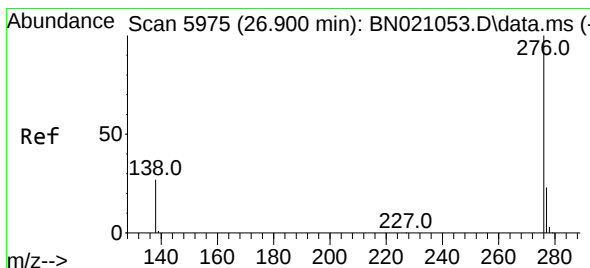
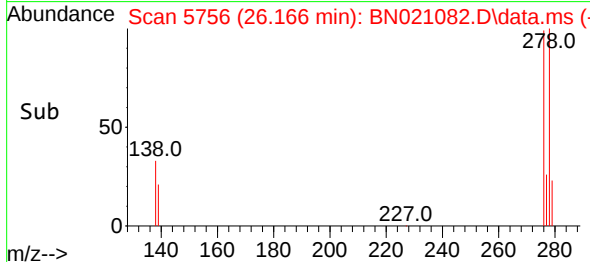
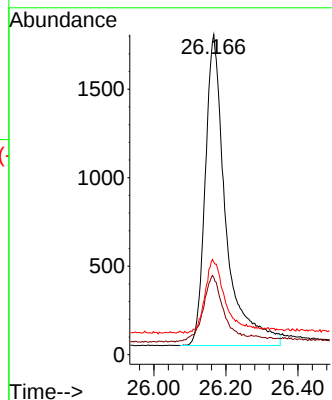
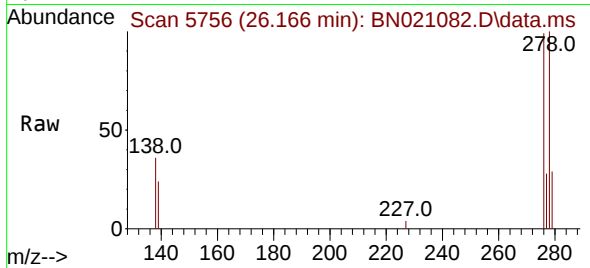




#28
 Dibenzo(a,h)anthracene
 Concen: 0.265 ng/ul
 RT: 26.166 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: BN021082.D
 Acq: 09 Aug 2022 13:03

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:278 Resp: 6952
 Ion Ratio Lower Upper
 278 100
 139 24.1 18.3 27.5
 279 28.9 23.9 35.9



#29
 Benzo(g,h,i)perylene
 Concen: 0.267 ng/ul
 RT: 26.887 min Scan# 5971
 Delta R.T. 0.000 min
 Lab File: BN021082.D
 Acq: 09 Aug 2022 13:03

Tgt Ion:276 Resp: 7904
 Ion Ratio Lower Upper
 276 100
 138 30.7 22.6 34.0
 277 25.6 20.2 30.2

