

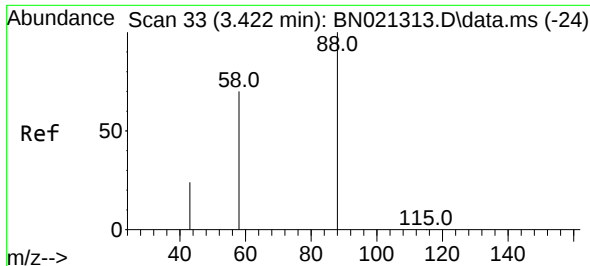
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082322\
 Data File : BN021330.D
 Acq On : 23 Aug 2022 15:56
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 24 00:59:12 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN082222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 22 18:06:52 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.097	152	2598	0.400	ng/ul	0.00
4) Naphthalene-d8	10.927	136	8073	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.749	164	4283	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.497	188	9094	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.688	240	7659	0.400	ng/ul	# 0.00
23) Perylene-d12	24.222	264	6155	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.385	96	1312	0.391	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.511	152	4911	0.402	ng/ul	0.00
18) Fluoranthene-d10	19.524	212	9509	0.403	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.422	88	1378	0.392	ng/ul	96
5) Naphthalene	10.977	128	9047	0.354	ng/ul	99
7) 2-Methylnaphthalene	12.588	142	5707	0.357	ng/ul	98
8) 1-Methylnaphthalene	12.803	142	6065	0.404	ng/ul	100
10) Acenaphthylene	14.472	152	7582	0.343	ng/ul	99
11) Acenaphthene	14.809	153	5973	0.353	ng/ul	98
12) Fluorene	15.795	166	6653	0.352	ng/ul	99
14) Pentachlorophenol	17.143	266	390	0.388	ng/ul	97
15) Phenanthrene	17.540	178	11661	0.346	ng/ul	99
16) Anthracene	17.633	178	9161	0.339	ng/ul	99
19) Fluoranthene	19.552	202	12548	0.346	ng/ul	98
20) Pyrene	19.919	202	12270	0.338	ng/ul	98
21) Benzo(a)anthracene	21.670	228	9464	0.357	ng/ul	99
22) Chrysene	21.726	228	11982	0.351	ng/ul	100
24) Benzo(b)fluoranthene	23.442	252	11060	0.418	ng/ul	97
25) Benzo(k)fluoranthene	23.491	252	10754	0.378	ng/ul	97
26) Benzo(a)pyrene	24.108	252	9346	0.375	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.894	276	11217	0.384	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.924	278	9280	0.386	ng/ul	95
29) Benzo(g,h,i)perylene	27.722	276	10987	0.378	ng/ul	98

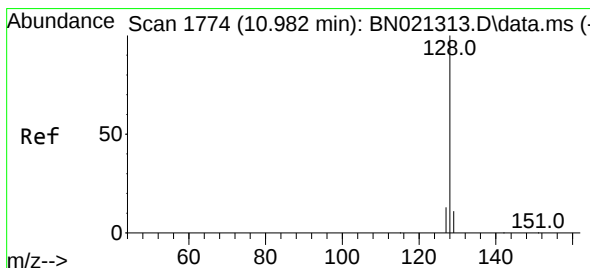
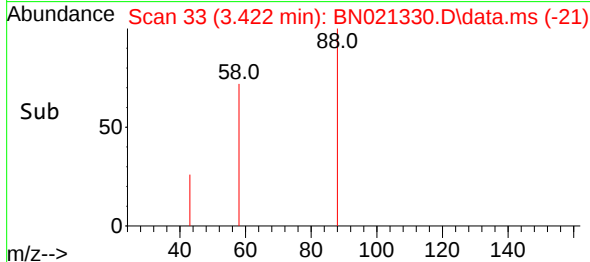
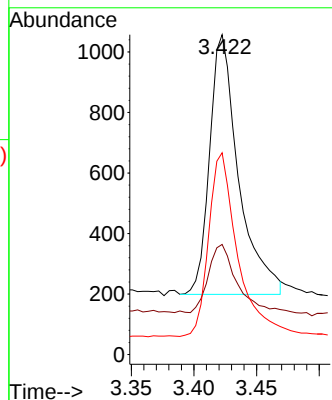
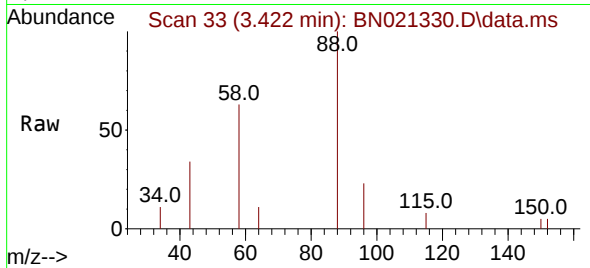
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
1,4-Dioxane
Concen: 0.392 ng/ul
RT: 3.422 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN021330.D
Acq: 23 Aug 2022 15:56

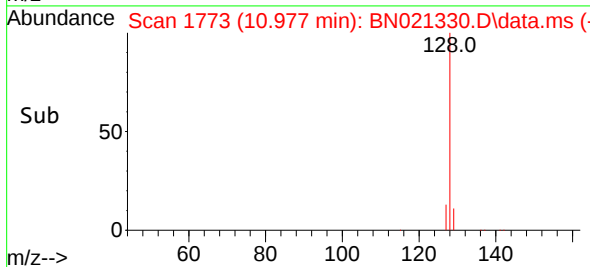
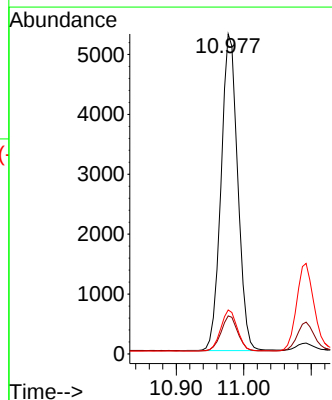
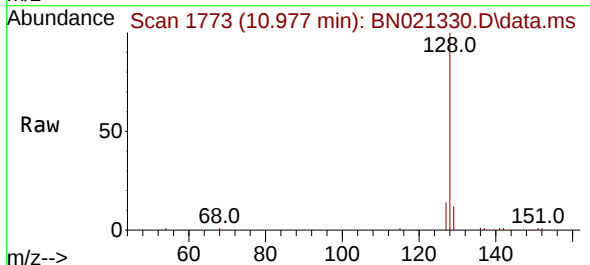
Instrument :
BNA_N
ClientSampleId :

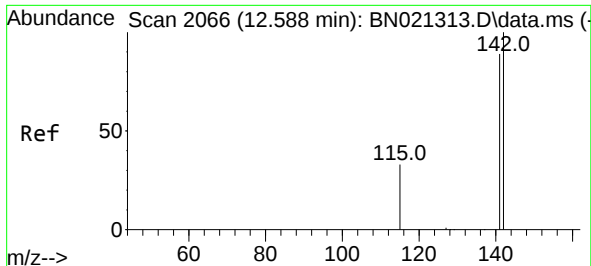
Tgt Ion: 88 Resp: 1378
Ion Ratio Lower Upper
88 100
43 34.4 31.4 47.0
58 63.1 49.0 73.6



#5
Naphthalene
Concen: 0.354 ng/ul
RT: 10.977 min Scan# 1773
Delta R.T. -0.005 min
Lab File: BN021330.D
Acq: 23 Aug 2022 15:56

Tgt Ion: 128 Resp: 9047
Ion Ratio Lower Upper
128 100
129 11.9 9.8 14.6
127 13.7 11.6 17.4

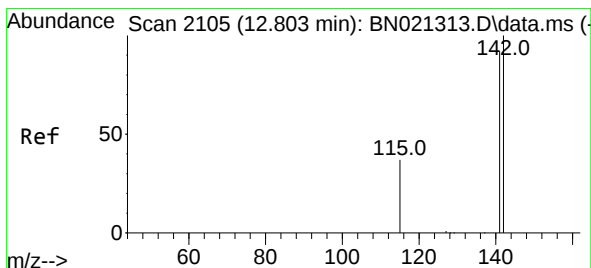
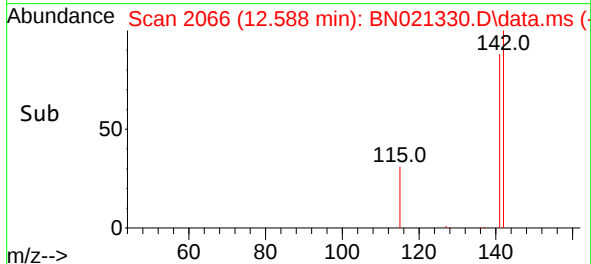
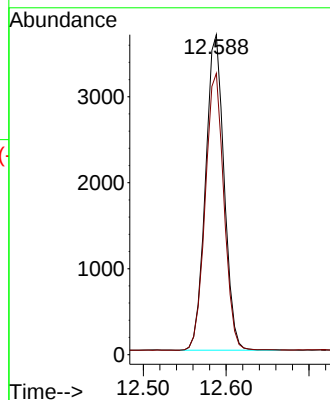
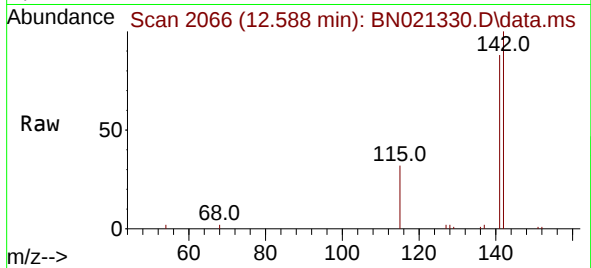




#7
2-Methylnaphthalene
Concen: 0.357 ng/ul
RT: 12.588 min Scan# 2066
Delta R.T. 0.000 min
Lab File: BN021330.D
Acq: 23 Aug 2022 15:56

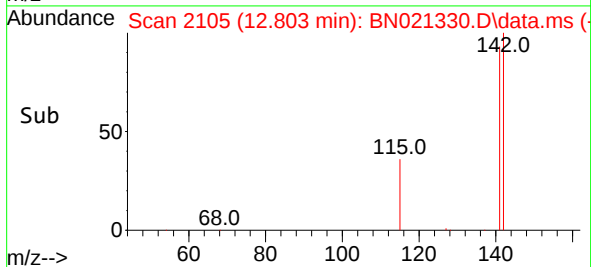
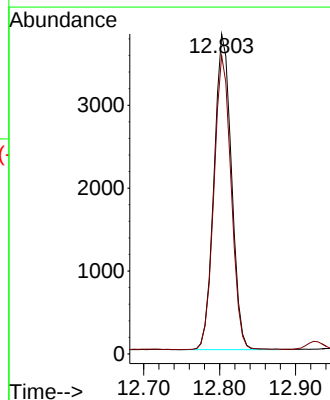
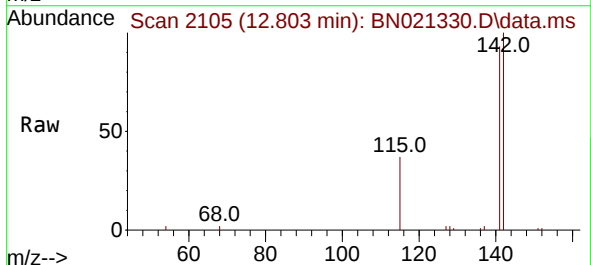
Instrument :
BNA_N
ClientSampleId :

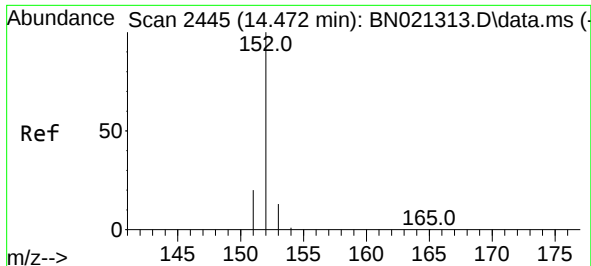
Tgt Ion:142 Resp: 5707
Ion Ratio Lower Upper
142 100
141 88.2 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.404 ng/ul
RT: 12.803 min Scan# 2105
Delta R.T. 0.000 min
Lab File: BN021330.D
Acq: 23 Aug 2022 15:56

Tgt Ion:142 Resp: 6065
Ion Ratio Lower Upper
142 100
141 92.1 73.9 110.9

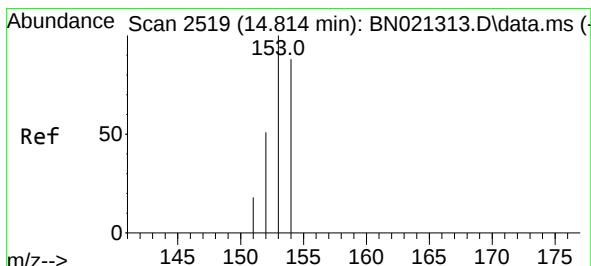
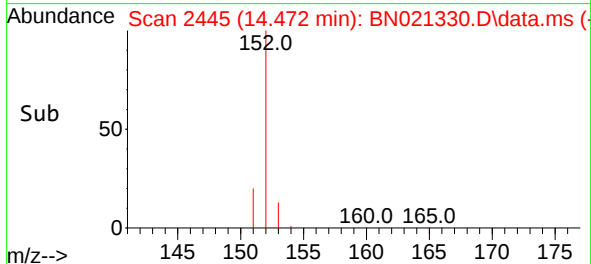
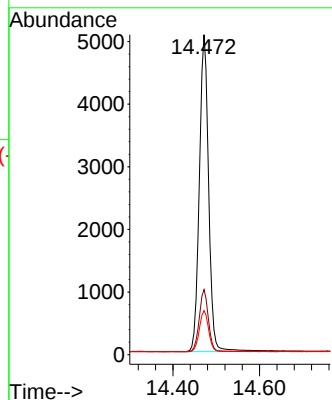
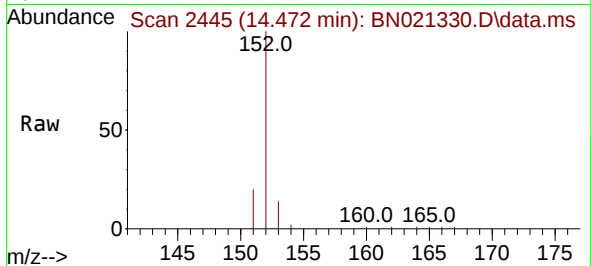




#10
Acenaphthylene
Concen: 0.343 ng/ul
RT: 14.472 min Scan# 2445
Delta R.T. 0.000 min
Lab File: BN021330.D
Acq: 23 Aug 2022 15:56

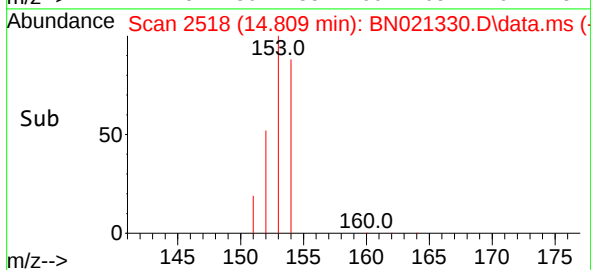
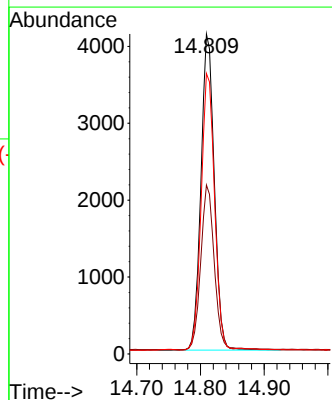
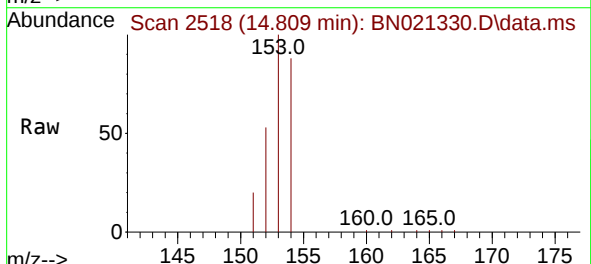
Instrument :
BNA_N
ClientSampleId :

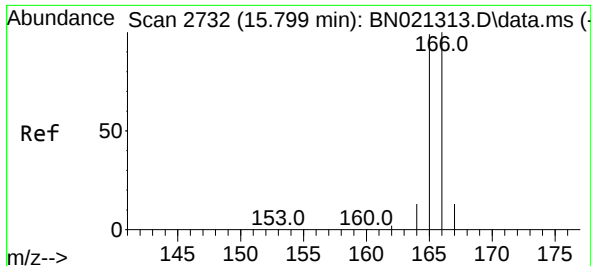
Tgt Ion:152 Resp: 7582
Ion Ratio Lower Upper
152 100
151 20.4 16.9 25.3
153 13.8 11.2 16.8



#11
Acenaphthene
Concen: 0.353 ng/ul
RT: 14.809 min Scan# 2518
Delta R.T. -0.004 min
Lab File: BN021330.D
Acq: 23 Aug 2022 15:56

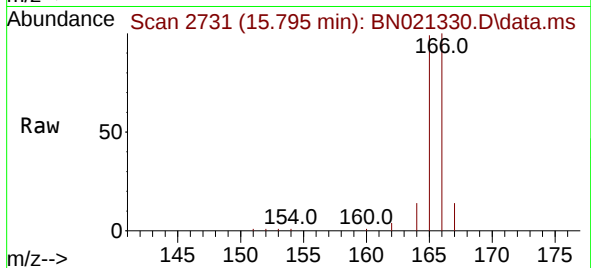
Tgt Ion:153 Resp: 5973
Ion Ratio Lower Upper
153 100
152 52.8 40.2 60.4
154 87.7 70.7 106.1



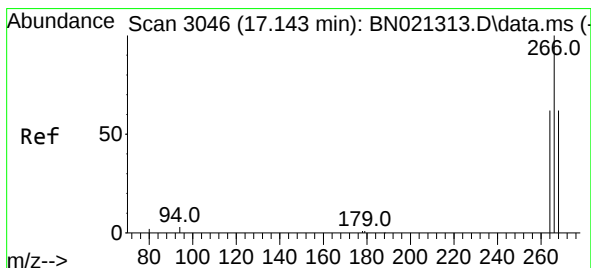
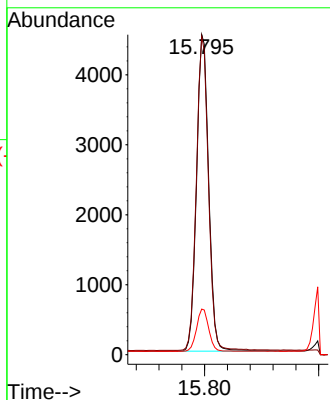
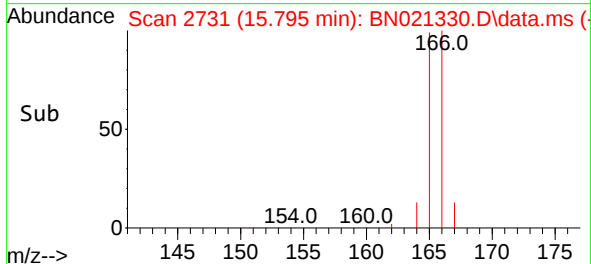


#12
Fluorene
Concen: 0.352 ng/ul
RT: 15.795 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN021330.D
Acq: 23 Aug 2022 15:56

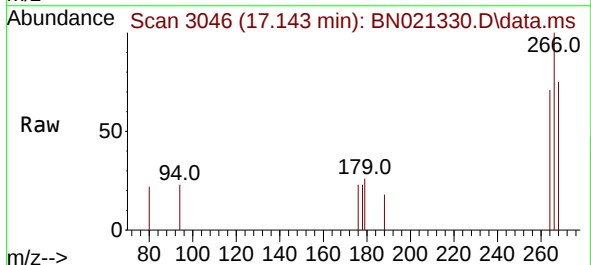
Instrument :
BNA_N
ClientSampleId :



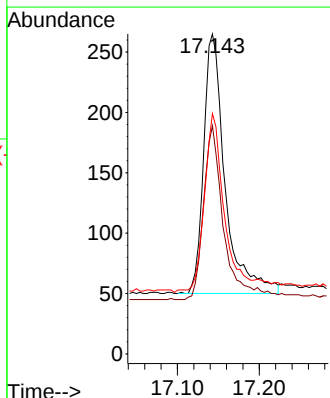
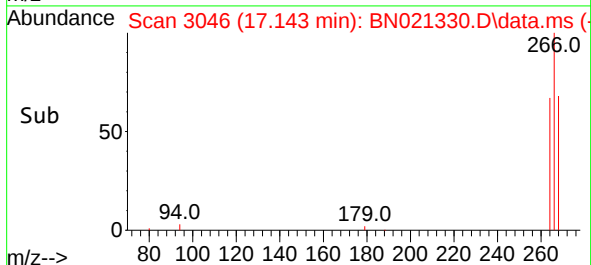
Tgt Ion:166 Resp: 6653
Ion Ratio Lower Upper
166 100
165 99.4 78.6 117.8
167 14.2 11.8 17.6

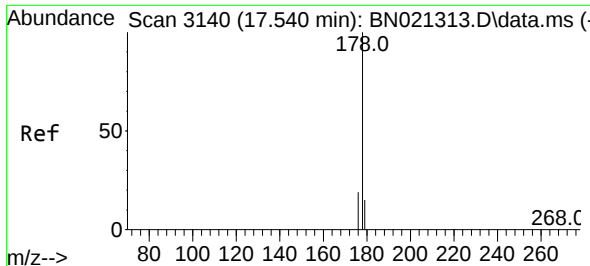


#14
Pentachlorophenol
Concen: 0.388 ng/ul
RT: 17.143 min Scan# 3046
Delta R.T. -0.000 min
Lab File: BN021330.D
Acq: 23 Aug 2022 15:56



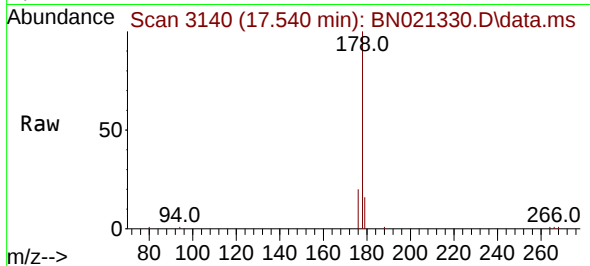
Tgt Ion:266 Resp: 390
Ion Ratio Lower Upper
266 100
264 63.3 49.8 74.8
268 67.4 50.6 75.8



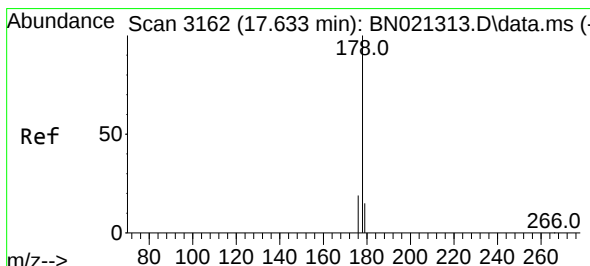
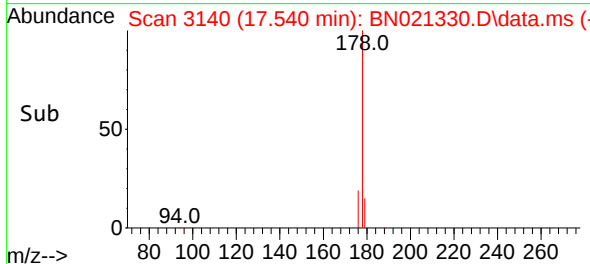
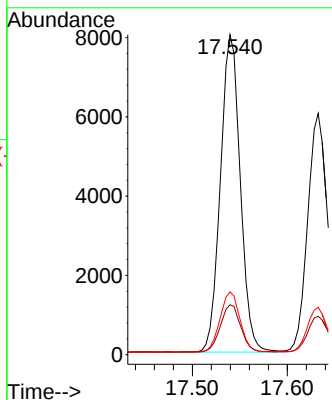


#15
Phenanthrene
Concen: 0.346 ng/u1
RT: 17.540 min Scan# 3140
Delta R.T. -0.004 min
Lab File: BN021330.D
Acq: 23 Aug 2022 15:56

Instrument :
BNA_N
ClientSampleId :

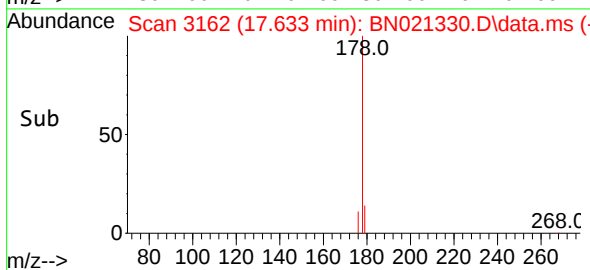
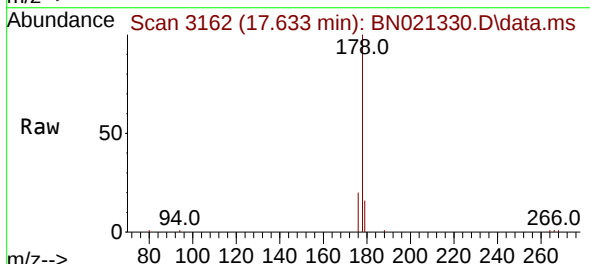
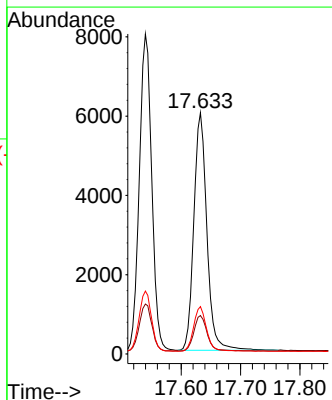


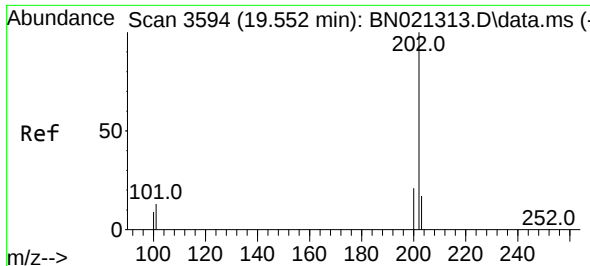
Tgt Ion:178 Resp: 11661
Ion Ratio Lower Upper
178 100
179 15.6 12.8 19.2
176 19.6 15.9 23.9



#16
Anthracene
Concen: 0.339 ng/u1
RT: 17.633 min Scan# 3162
Delta R.T. -0.000 min
Lab File: BN021330.D
Acq: 23 Aug 2022 15:56

Tgt Ion:178 Resp: 9161
Ion Ratio Lower Upper
178 100
179 15.9 12.9 19.3
176 19.6 15.9 23.9

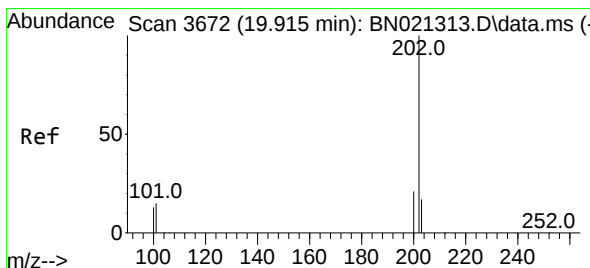
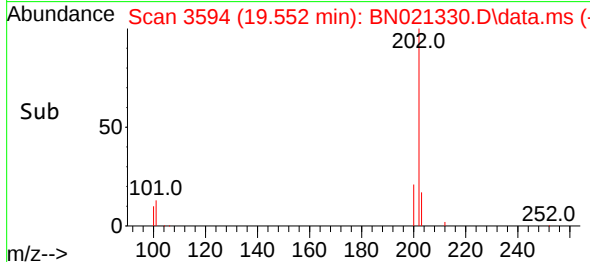
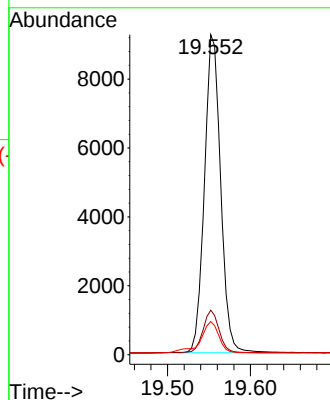
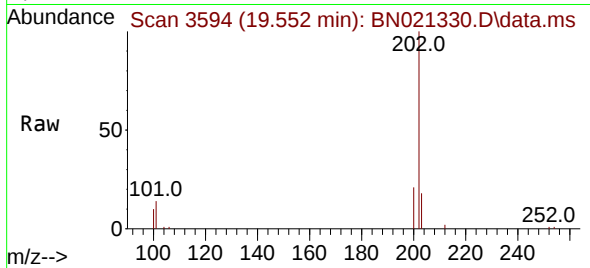




#19
Fluoranthene
Concen: 0.346 ng/u1
RT: 19.552 min Scan# 3594
Delta R.T. -0.005 min
Lab File: BN021330.D
Acq: 23 Aug 2022 15:56

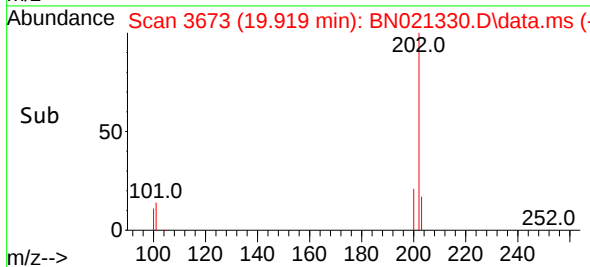
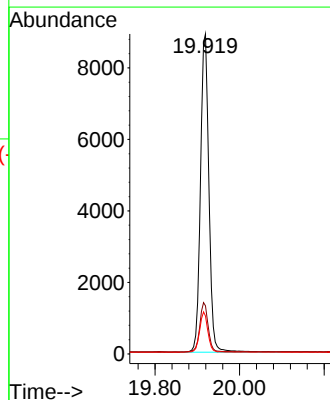
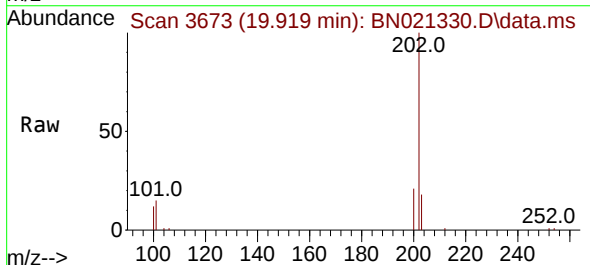
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ClientSampleId :

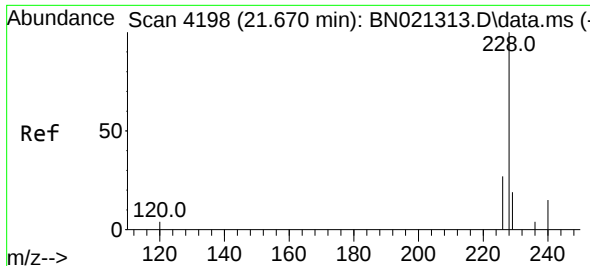
Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.9	10.0	15.0
100	10.3	8.0	12.0



#20
Pyrene
Concen: 0.338 ng/u1
RT: 19.919 min Scan# 3673
Delta R.T. -0.000 min
Lab File: BN021330.D
Acq: 23 Aug 2022 15:56

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.0	11.3	16.9
100	11.9	9.0	13.4

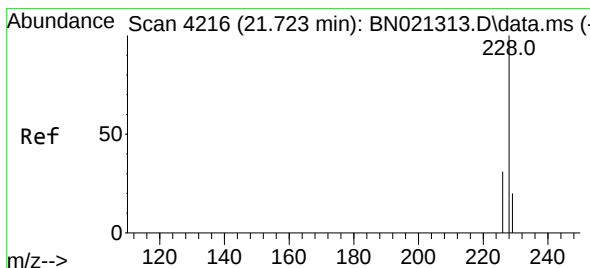
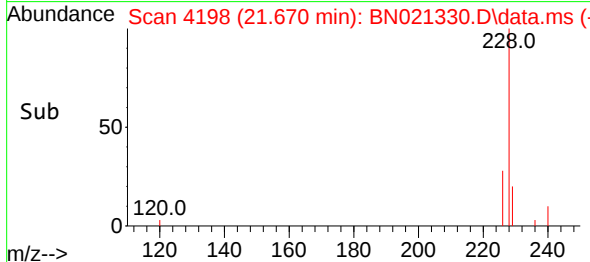
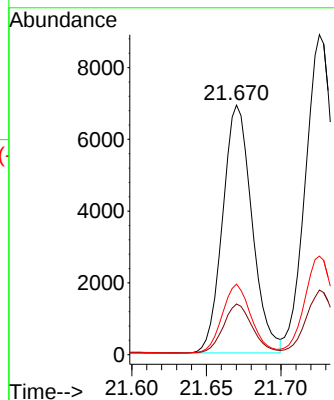
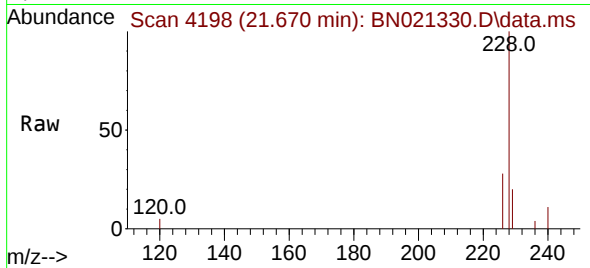




#21
Benzo(a)anthracene
Concen: 0.357 ng/ul
RT: 21.670 min Scan# 4198
Delta R.T. -0.003 min
Lab File: BN021330.D
Acq: 23 Aug 2022 15:56

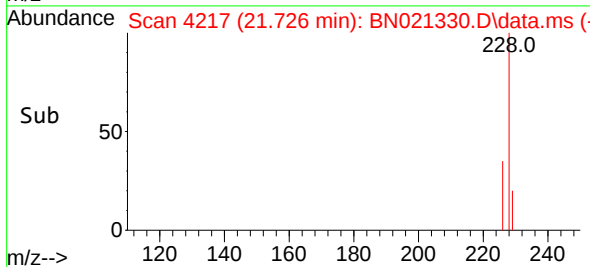
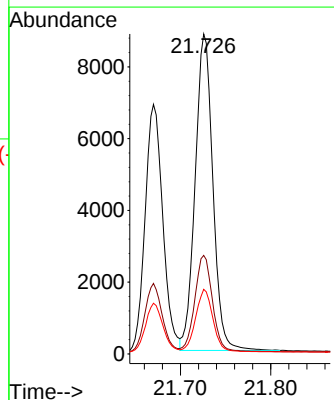
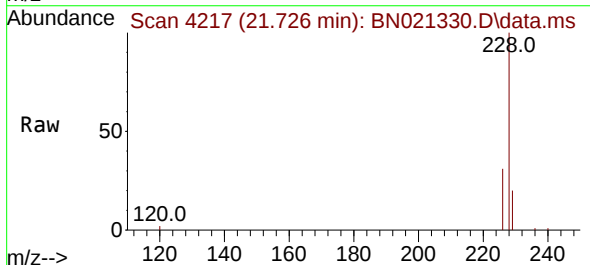
Instrument :
BNA_N
ClientSampleId :

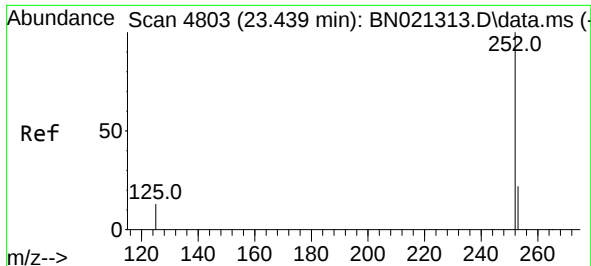
Tgt Ion:228 Resp: 9464
Ion Ratio Lower Upper
228 100
229 20.3 16.0 24.0
226 28.2 21.9 32.9



#22
Chrysene
Concen: 0.351 ng/ul
RT: 21.726 min Scan# 4217
Delta R.T. -0.003 min
Lab File: BN021330.D
Acq: 23 Aug 2022 15:56

Tgt Ion:228 Resp: 11982
Ion Ratio Lower Upper
228 100
226 30.8 24.6 37.0
229 20.2 15.8 23.8

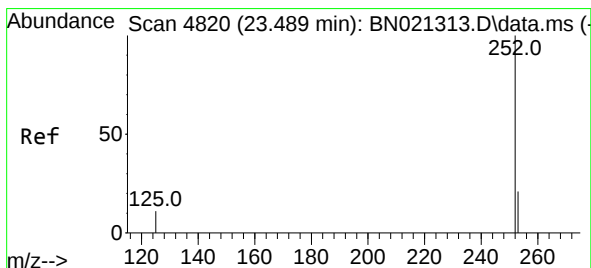
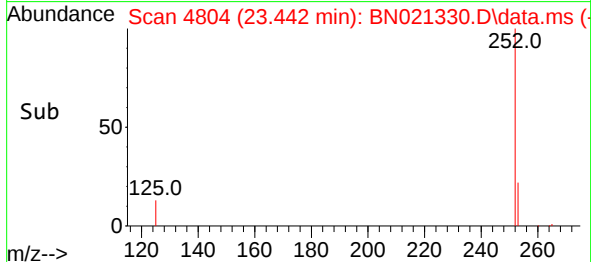
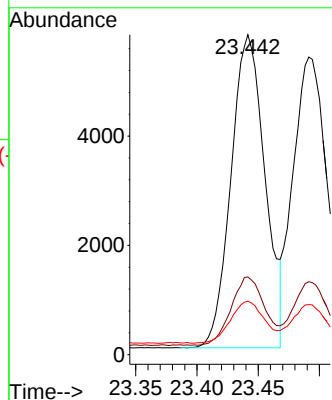
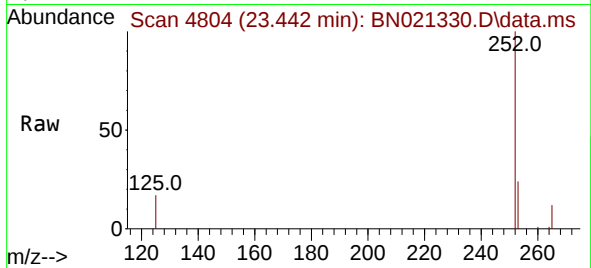




#24
Benzo(b)fluoranthene
Concen: 0.418 ng/ul
RT: 23.442 min Scan# 4804
Delta R.T. -0.003 min
Lab File: BN021330.D
Acq: 23 Aug 2022 15:56

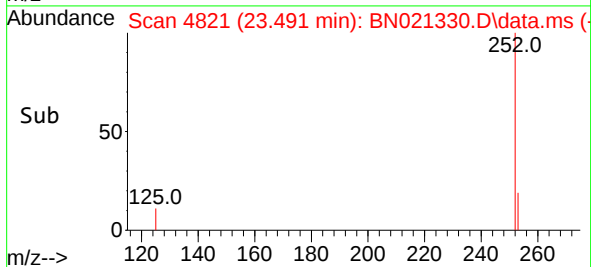
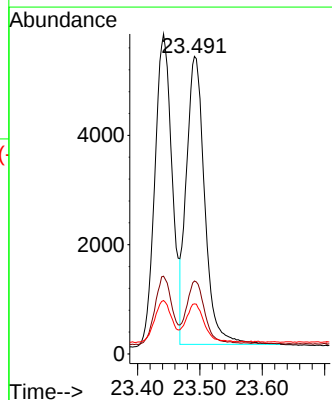
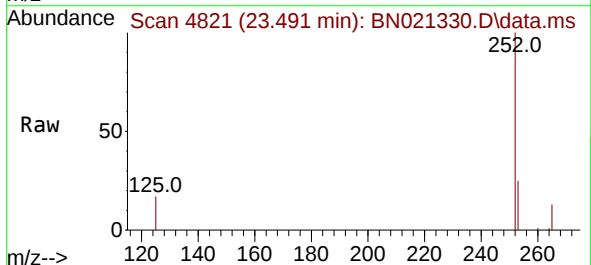
Instrument :
BNA_N
ClientSampleId :

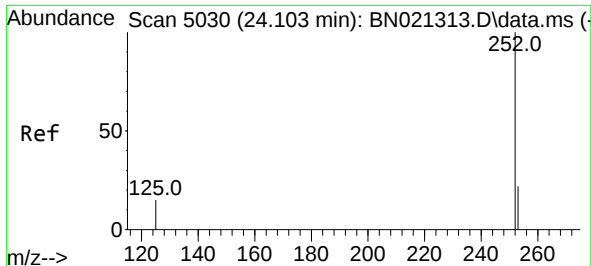
Tgt Ion:252 Resp: 11060
Ion Ratio Lower Upper
252 100
253 24.3 0.0 50.8
125 16.7 0.0 30.0



#25
Benzo(k)fluoranthene
Concen: 0.378 ng/ul
RT: 23.491 min Scan# 4821
Delta R.T. -0.006 min
Lab File: BN021330.D
Acq: 23 Aug 2022 15:56

Tgt Ion:252 Resp: 10754
Ion Ratio Lower Upper
252 100
253 24.5 20.6 31.0
125 16.8 11.8 17.6

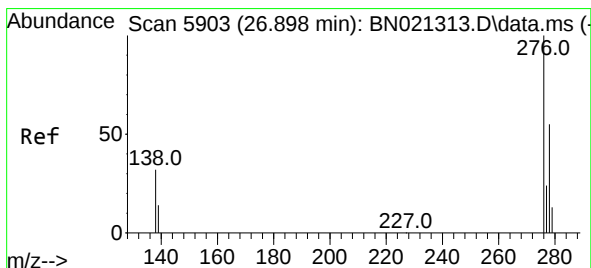
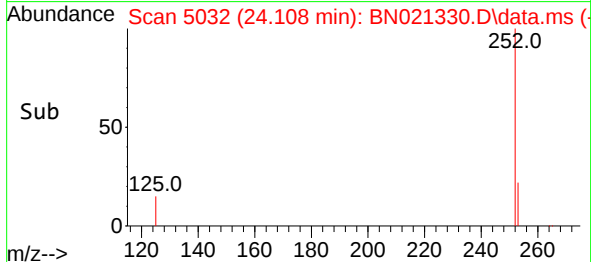
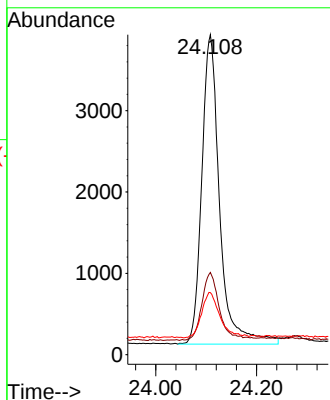
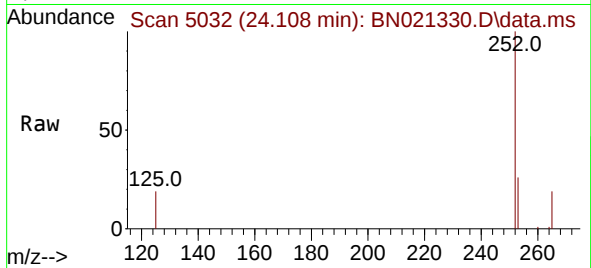




#26
Benzo(a)pyrene
Concen: 0.375 ng/ul
RT: 24.108 min Scan# 5030
Delta R.T. -0.000 min
Lab File: BN021330.D
Acq: 23 Aug 2022 15:56

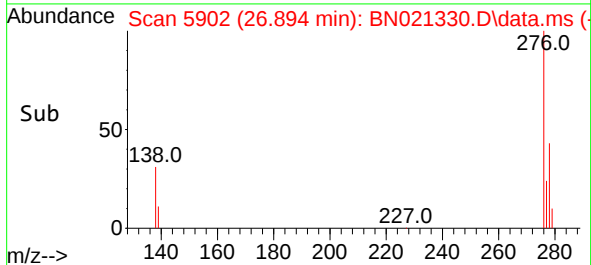
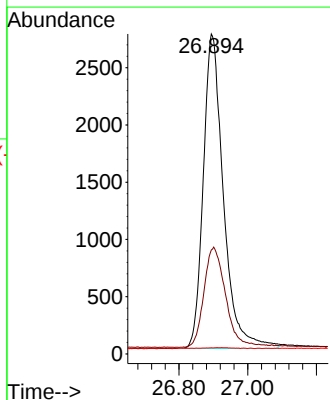
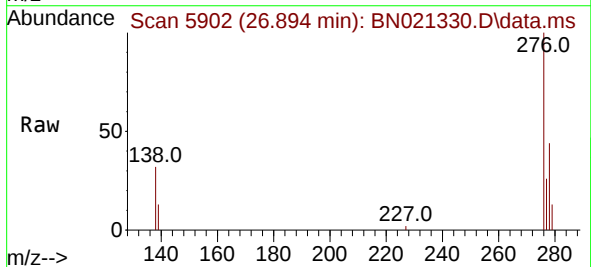
Instrument :
BNA_N
ClientSampleId :

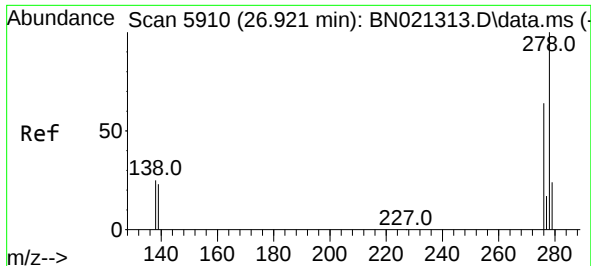
Tgt Ion:	252	Resp:	9346
Ion Ratio	Lower	Upper	
252	100		
253	25.7	22.1	33.1
125	19.4	14.7	22.1



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.384 ng/ul
RT: 26.894 min Scan# 5902
Delta R.T. -0.010 min
Lab File: BN021330.D
Acq: 23 Aug 2022 15:56

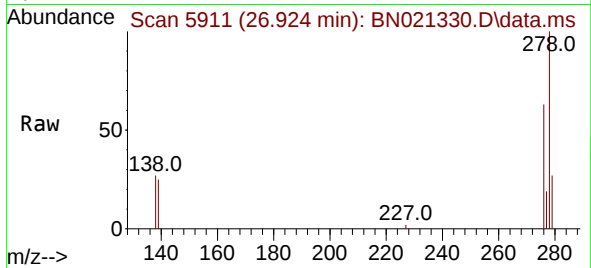
Tgt Ion:	276	Resp:	11217
Ion Ratio	Lower	Upper	
276	100		
138	34.5	26.1	39.1
227	0.0	0.1	0.1



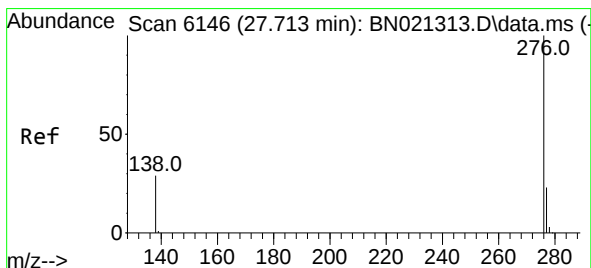
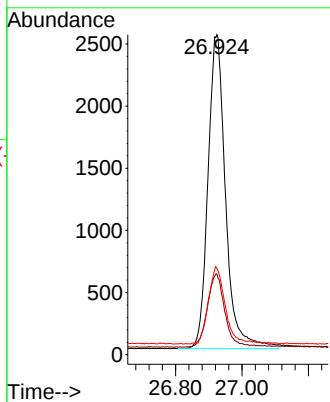
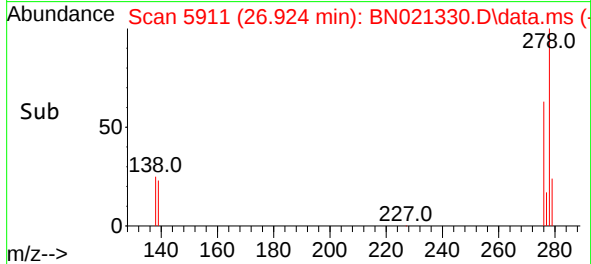


#28
Dibenzo(a,h)anthracene
Concen: 0.386 ng/ul
RT: 26.924 min Scan# 5910
Delta R.T. -0.004 min
Lab File: BN021330.D
Acq: 23 Aug 2022 15:56

Instrument :
BNA_N
ClientSampleId :



Tgt Ion: 278 Resp: 9280
Ion Ratio Lower Upper
278 100
139 25.2 18.3 27.5
279 26.9 23.9 35.9



#29
Benzo(g,h,i)perylene
Concen: 0.378 ng/ul
RT: 27.722 min Scan# 6149
Delta R.T. -0.000 min
Lab File: BN021330.D
Acq: 23 Aug 2022 15:56

Tgt Ion: 276 Resp: 10987
Ion Ratio Lower Upper
276 100
138 29.9 22.6 34.0
277 25.5 20.2 30.2

