

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080422\
 Data File : BN020984.D
 Acq On : 04 Aug 2022 11:16
 Operator : CG/JU
 Sample : N3900-08
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0C58

Quant Time: Aug 04 11:49:58 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 : Wed Aug 03 16:31:11 2022
 Response via : Initial Calibration

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

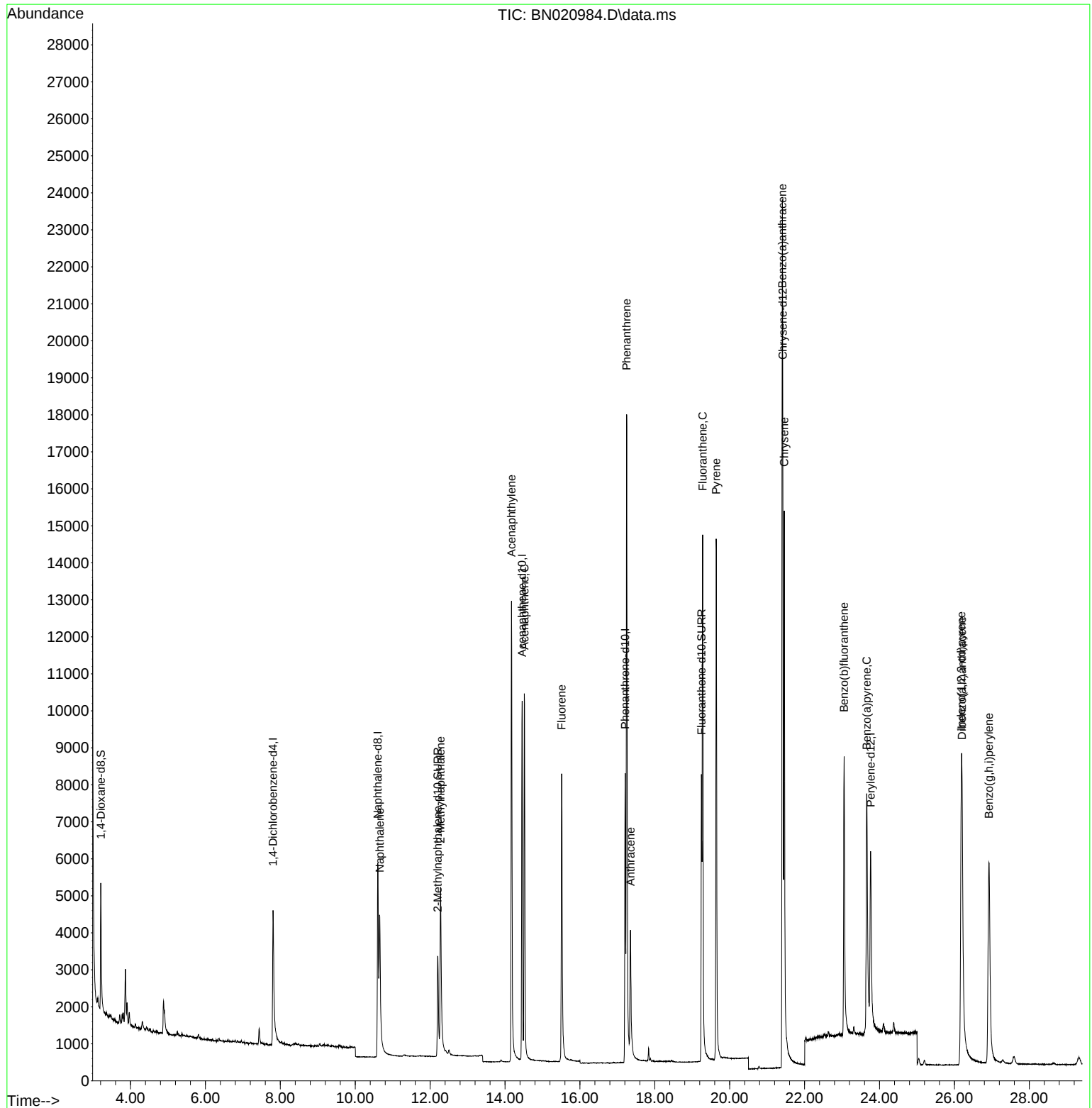
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	3177	0.400	ng/ul	0.00
4) Naphthalene-d8	10.602	136	10191	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.457	164	5766	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.210	188	10018	0.400	ng/ul	0.00
17) Chrysene-d12	21.418	240	9747	0.400	ng/ul	0.00
23) Perylene-d12	23.763	264	7733	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.207	96	2401	0.591	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.202	152	4872	0.326	ng/ul	0.00
18) Fluoranthene-d10	19.249	212	9545	0.317	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.657	128	7007	0.224	ng/ul	99
7) 2-Methylnaphthalene	12.279	142	4615	0.243	ng/ul	98
10) Acenaphthylene	14.175	152	17303	0.642	ng/ul	98
11) Acenaphthene	14.517	153	6593	0.296	ng/ul	98
12) Fluorene	15.512	166	6722	0.276	ng/ul	99
15) Phenanthrene	17.248	178	21101	0.589	ng/ul	99
16) Anthracene	17.353	178	5753	0.207	ng/ul	98
19) Fluoranthene	19.277	202	13669	0.317	ng/ul	97
20) Pyrene	19.640	202	14496	0.326	ng/ul	97
21) Benzo(a)anthracene	21.404	228	21536	0.677	ng/ul	99
22) Chrysene	21.456	228	14828	0.354	ng/ul	99
24) Benzo(b)fluoranthene	23.055	252	12223	0.341	ng/ul	98
26) Benzo(a)pyrene	23.660	252	13453	0.412	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.186	276	12868	0.330	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.206	278	10612	0.344	ng/ul	97
29) Benzo(g,h,i)perylene	26.924	276	13799	0.397	ng/ul	98

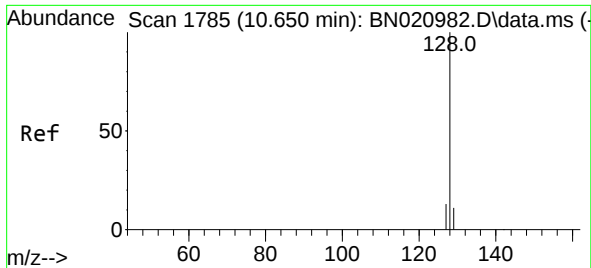
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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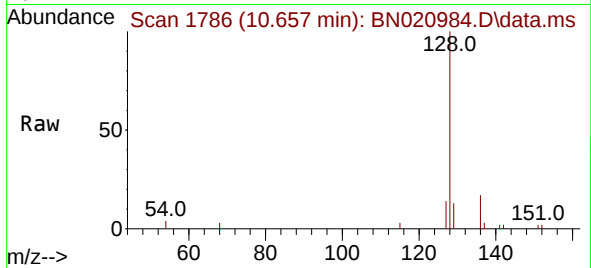
Quant Time: Aug 04 11:49:58 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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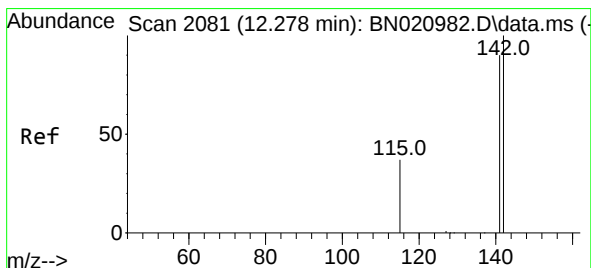
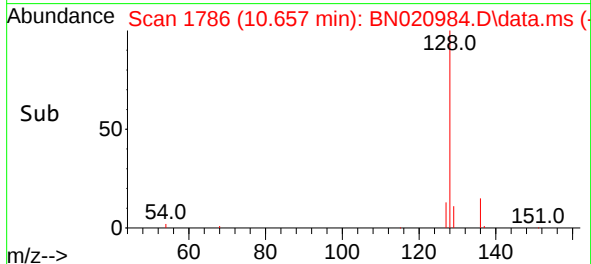
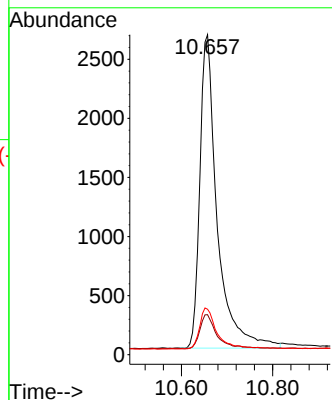


#5
Naphthalene
Concen: 0.224 ng/ul
RT: 10.657 min Scan# 1786
Delta R.T. 0.006 min
Lab File: BN020984.D
Acq: 04 Aug 2022 11:16

Instrument :
BNA_N
ClientSampleId :
C0C58

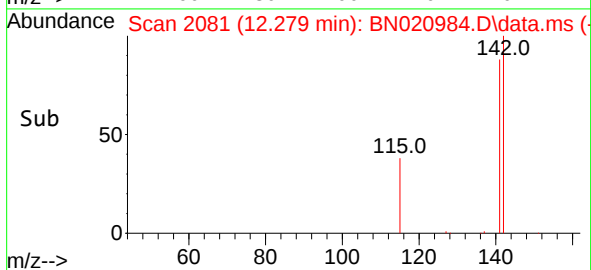
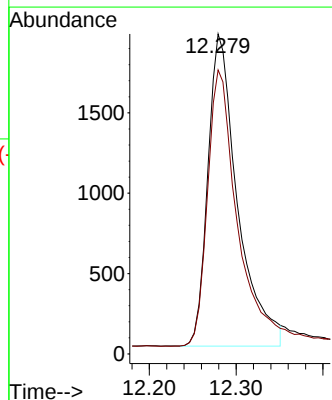
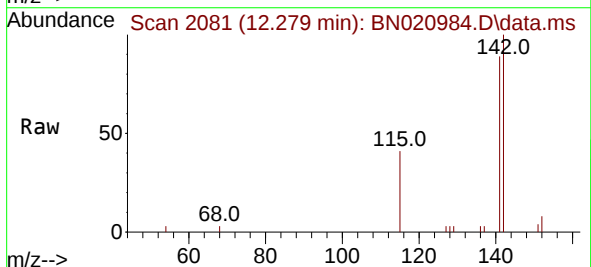


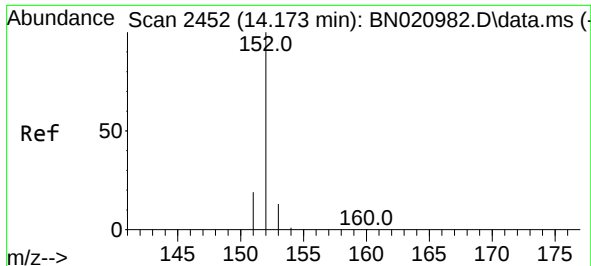
Tgt Ion:128 Resp: 7007
Ion Ratio Lower Upper
128 100
129 12.5 9.8 14.6
127 14.2 11.6 17.4



#7
2-Methylnaphthalene
Concen: 0.243 ng/ul
RT: 12.279 min Scan# 2081
Delta R.T. 0.000 min
Lab File: BN020984.D
Acq: 04 Aug 2022 11:16

Tgt Ion:142 Resp: 4615
Ion Ratio Lower Upper
142 100
141 88.7 72.2 108.2

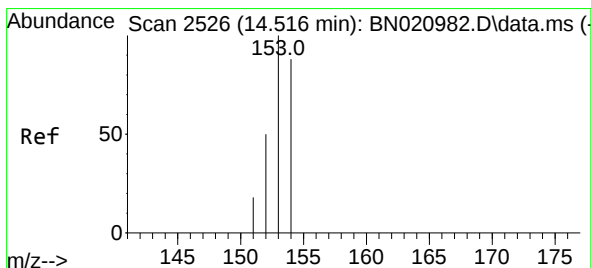
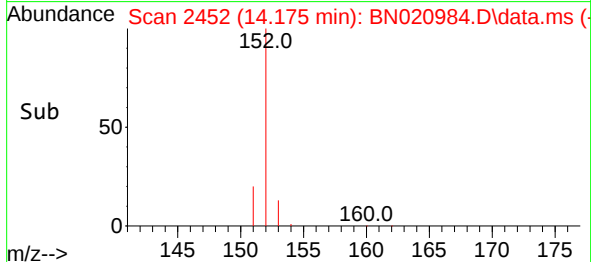
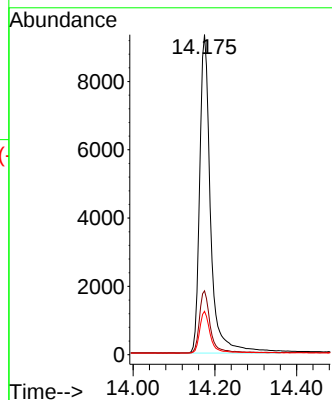
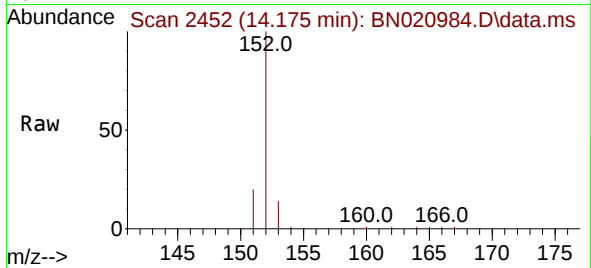




#10
Acenaphthylene
Concen: 0.642 ng/ul
RT: 14.175 min Scan# 2452
Delta R.T. -0.004 min
Lab File: BN020984.D
Acq: 04 Aug 2022 11:16

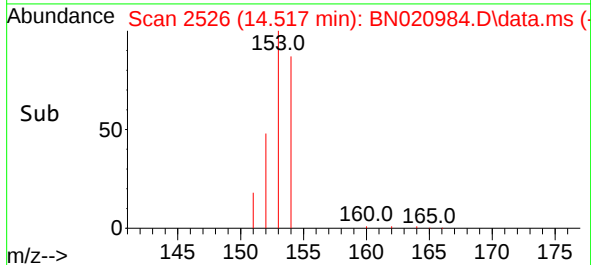
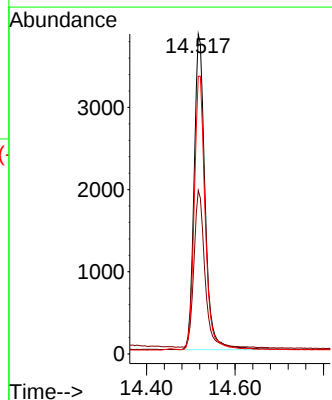
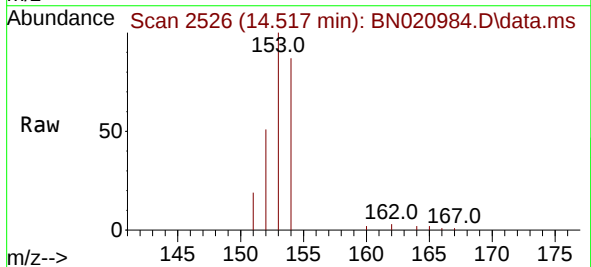
Instrument :
BNA_N
ClientSampleId :
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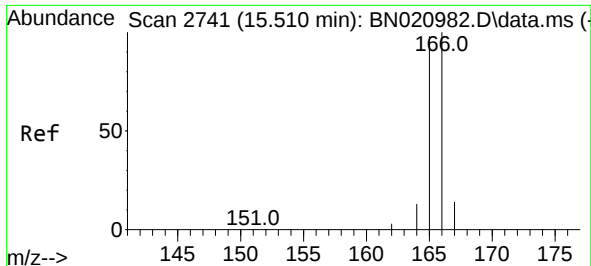
Tgt Ion:152 Resp: 17303
Ion Ratio Lower Upper
152 100
151 20.0 16.9 25.3
153 13.6 11.2 16.8



#11
Acenaphthene
Concen: 0.296 ng/ul
RT: 14.517 min Scan# 2526
Delta R.T. -0.004 min
Lab File: BN020984.D
Acq: 04 Aug 2022 11:16

Tgt Ion:153 Resp: 6593
Ion Ratio Lower Upper
153 100
152 51.1 40.2 60.4
154 86.8 70.7 106.1

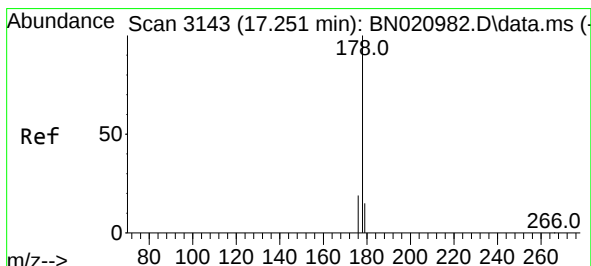
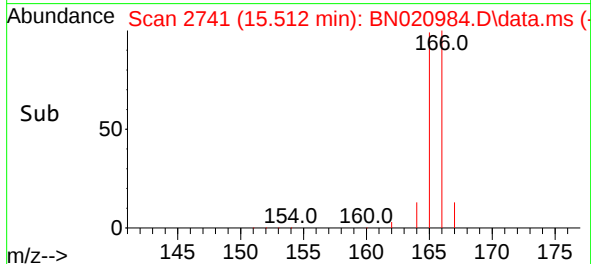
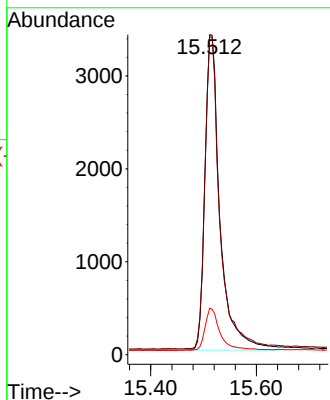
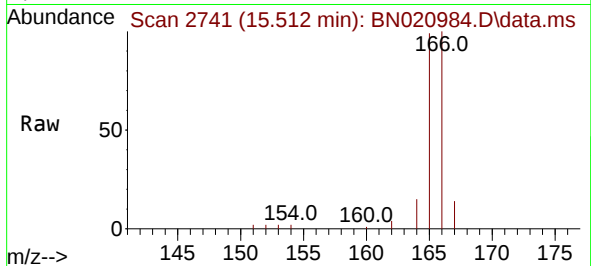




#12
Fluorene
Concen: 0.276 ng/ul
RT: 15.512 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN020984.D
Acq: 04 Aug 2022 11:16

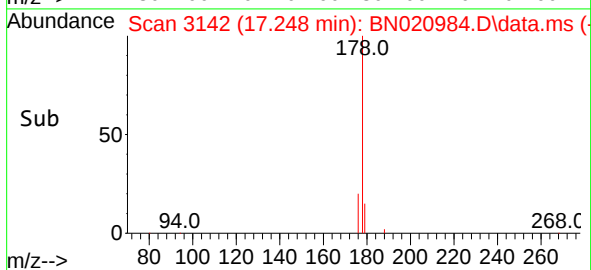
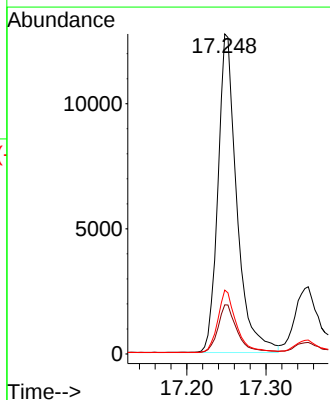
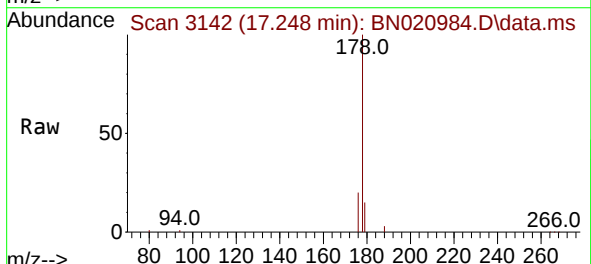
Instrument :
BNA_N
ClientSampleId :
C0C58

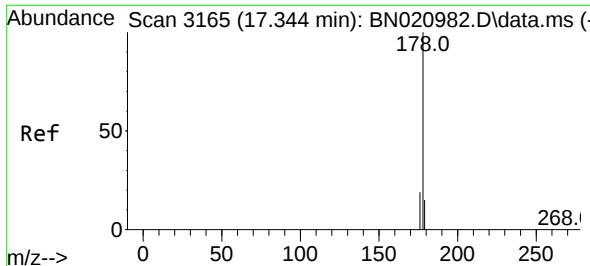
Tgt Ion:166 Resp: 6722
Ion Ratio Lower Upper
166 100
165 99.3 78.6 117.8
167 14.5 11.8 17.6



#15
Phenanthrene
Concen: 0.589 ng/ul
RT: 17.248 min Scan# 3142
Delta R.T. -0.004 min
Lab File: BN020984.D
Acq: 04 Aug 2022 11:16

Tgt Ion:178 Resp: 21101
Ion Ratio Lower Upper
178 100
179 15.3 12.8 19.2
176 20.0 15.9 23.9

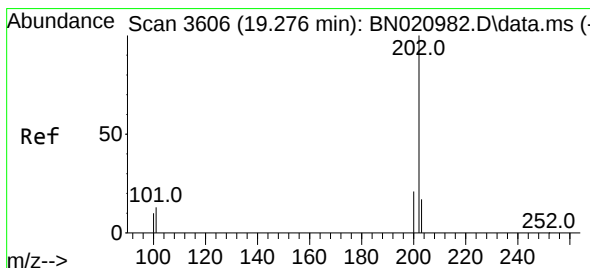
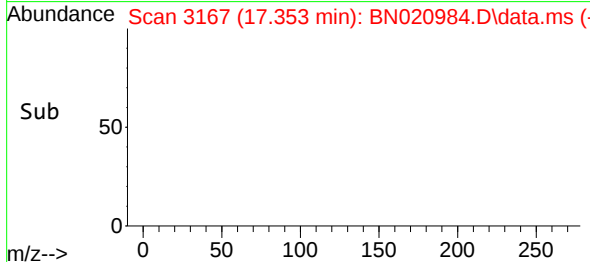
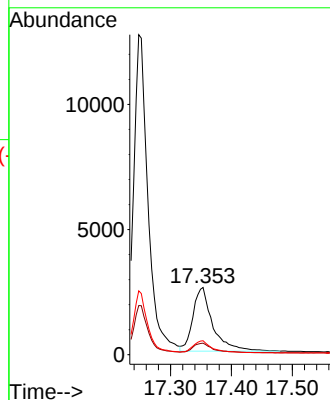
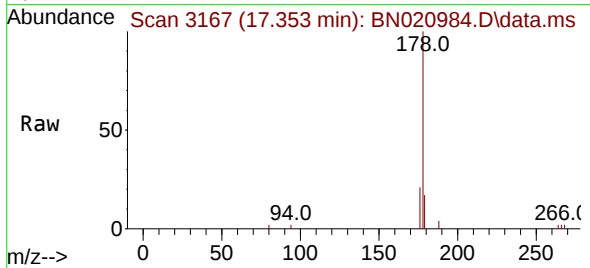




#16
 Anthracene
 Concen: 0.207 ng/ul
 RT: 17.353 min Scan# 3167
 Delta R.T. 0.005 min
 Lab File: BN020984.D
 Acq: 04 Aug 2022 11:16

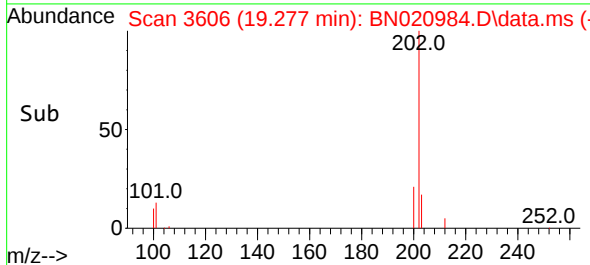
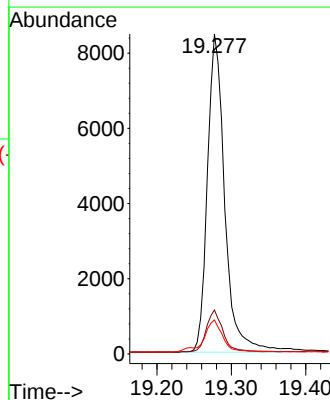
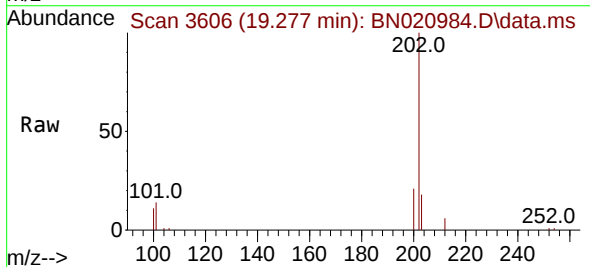
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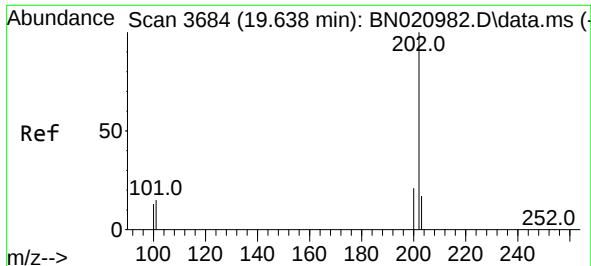
Tgt Ion:178 Resp: 5753
 Ion Ratio Lower Upper
 178 100
 179 17.2 12.9 19.3
 176 20.6 15.9 23.9



#19
 Fluoranthene
 Concen: 0.317 ng/ul
 RT: 19.277 min Scan# 3606
 Delta R.T. -0.004 min
 Lab File: BN020984.D
 Acq: 04 Aug 2022 11:16

Tgt Ion:202 Resp: 13669
 Ion Ratio Lower Upper
 202 100
 101 13.7 10.0 15.0
 100 10.7 8.0 12.0

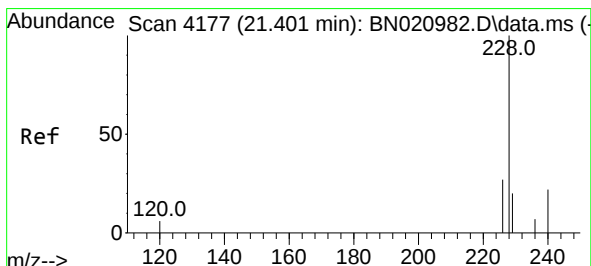
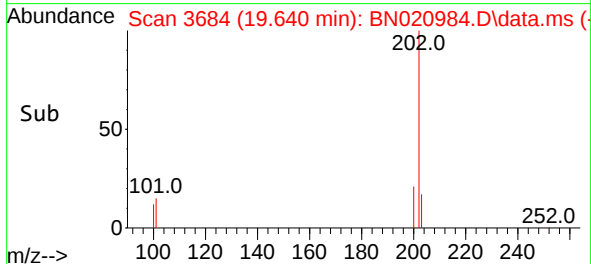
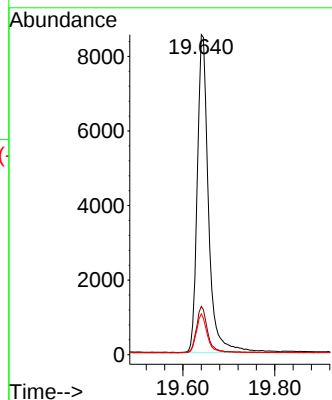
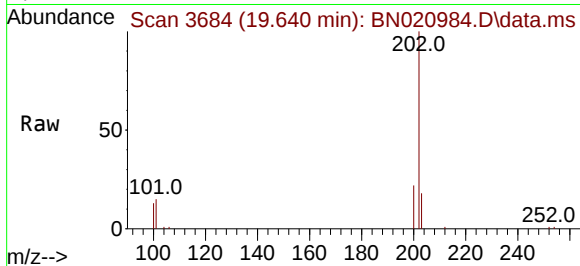




#20
Pyrene
Concen: 0.326 ng/ul
RT: 19.640 min Scan# 3684
Delta R.T. -0.004 min
Lab File: BN020984.D
Acq: 04 Aug 2022 11:16

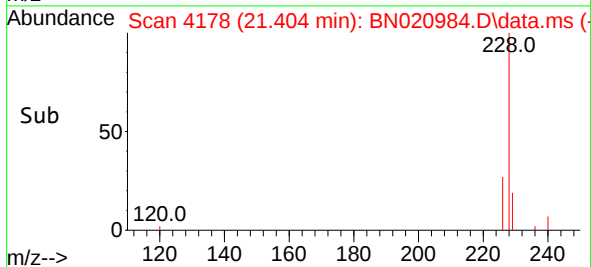
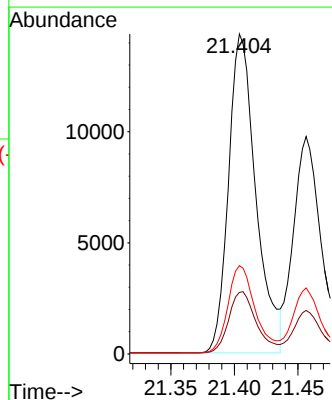
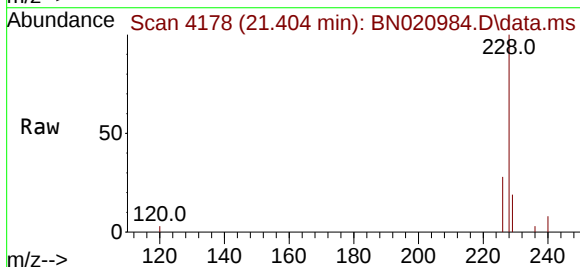
Instrument :
BNA_N
ClientSampleId :
C0C58

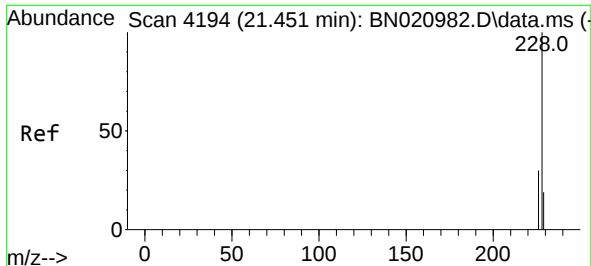
Tgt Ion:202 Resp: 14496
Ion Ratio Lower Upper
202 100
101 15.1 11.3 16.9
100 12.7 9.0 13.4



#21
Benzo(a)anthracene
Concen: 0.677 ng/ul
RT: 21.404 min Scan# 4178
Delta R.T. -0.003 min
Lab File: BN020984.D
Acq: 04 Aug 2022 11:16

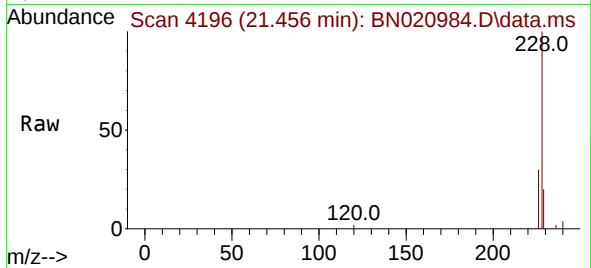
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Ion Ratio Lower Upper
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229 19.2 16.0 24.0
226 27.6 21.9 32.9





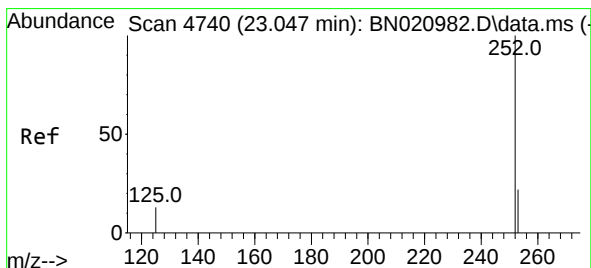
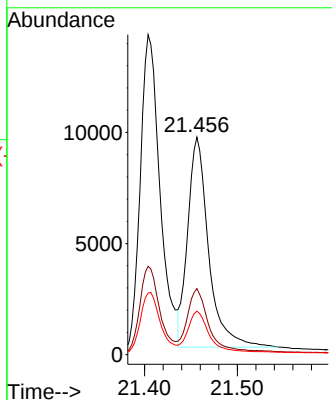
#22
Chrysene
Concen: 0.354 ng/ul
RT: 21.456 min Scan# 4196
Delta R.T. -0.003 min
Lab File: BN020984.D
Acq: 04 Aug 2022 11:16

Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:228 Resp: 14828

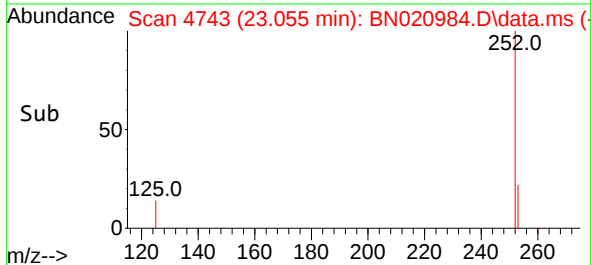
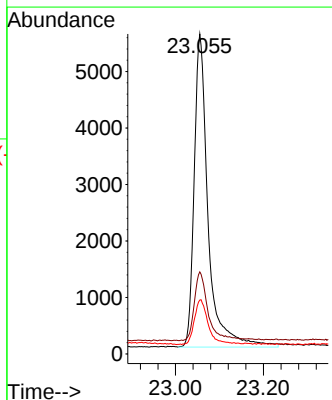
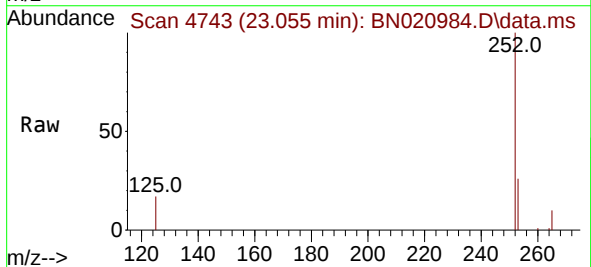
Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.6	37.0
229	20.0	15.8	23.8

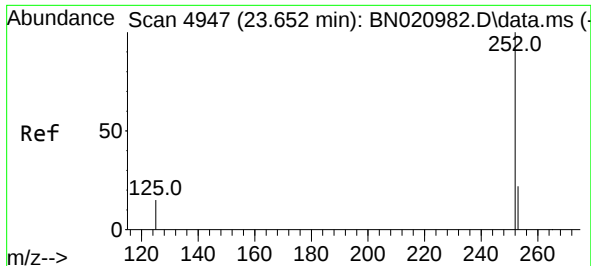


#24
Benzo(b)fluoranthene
Concen: 0.341 ng/ul
RT: 23.055 min Scan# 4743
Delta R.T. 0.003 min
Lab File: BN020984.D
Acq: 04 Aug 2022 11:16

Tgt Ion:252 Resp: 12223

Ion	Ratio	Lower	Upper
252	100		
253	25.7	0.0	50.8
125	16.8	0.0	30.0

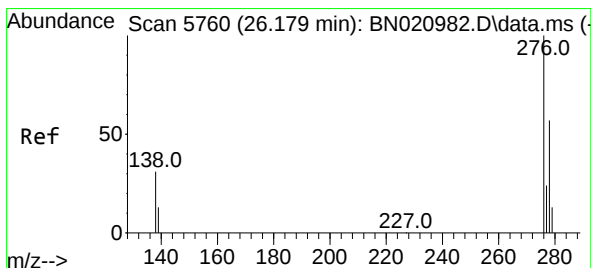
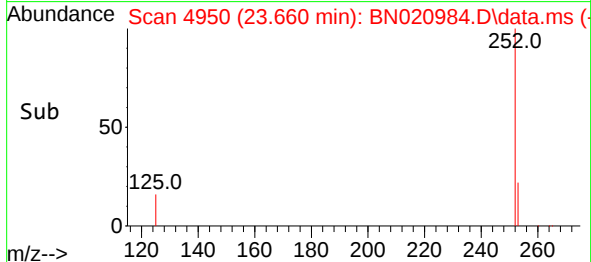
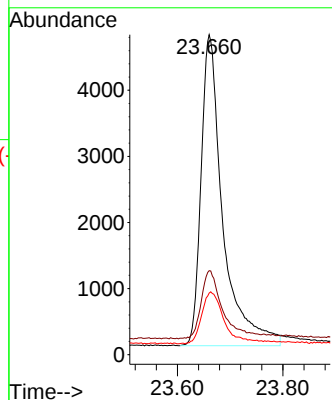
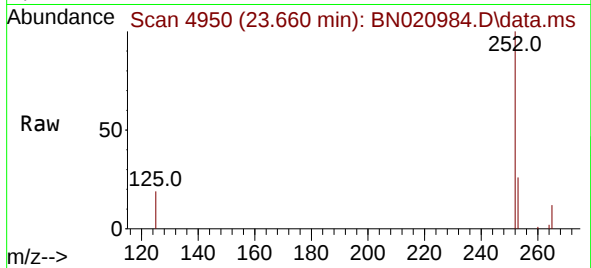




#26
Benzo(a)pyrene
Concen: 0.412 ng/ul
RT: 23.660 min Scan# 4947
Delta R.T. 0.000 min
Lab File: BN020984.D
Acq: 04 Aug 2022 11:16

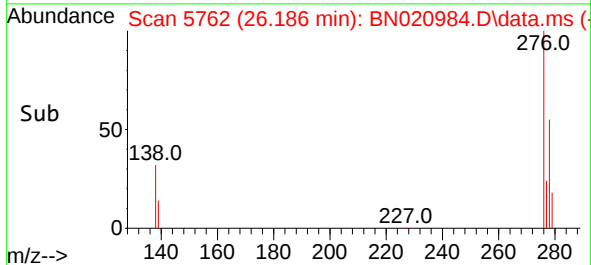
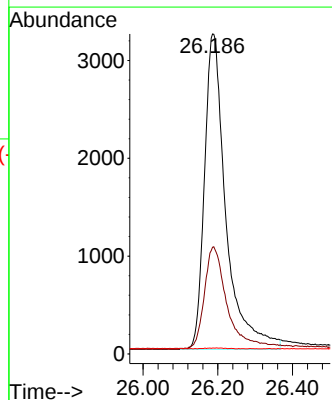
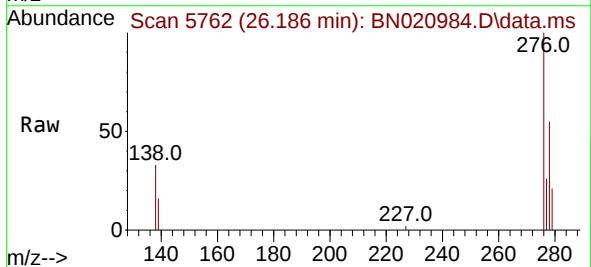
Instrument :
BNA_N
ClientSampleId :
C0C58

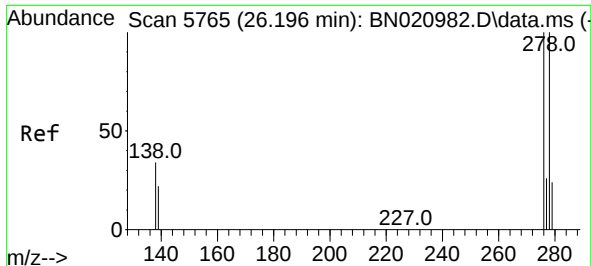
Tgt Ion:	252	Resp:	13453
Ion Ratio	Lower	Upper	
252	100		
253	26.2	22.1	33.1
125	19.3	14.7	22.1



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.330 ng/ul
RT: 26.186 min Scan# 5762
Delta R.T. 0.000 min
Lab File: BN020984.D
Acq: 04 Aug 2022 11:16

Tgt Ion:	276	Resp:	12868
Ion Ratio	Lower	Upper	
276	100		
138	34.1	26.1	39.1
227	0.0	0.1	0.1

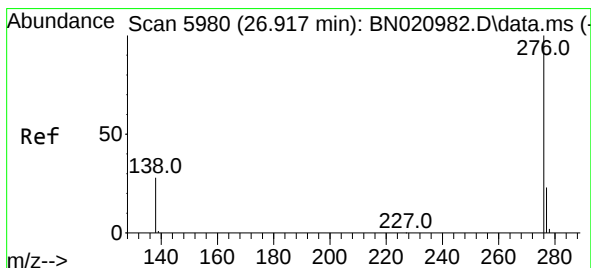
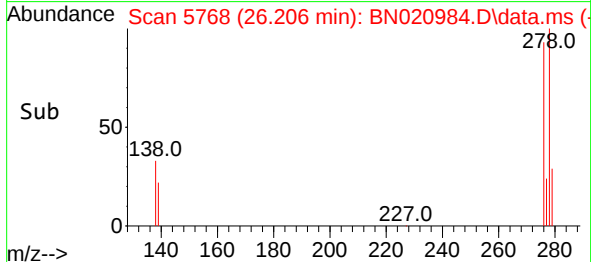
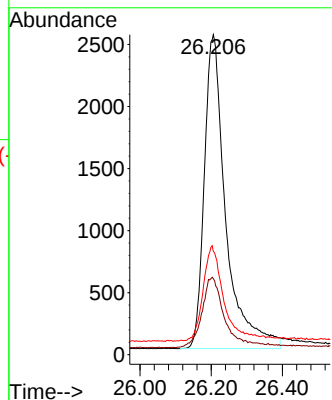
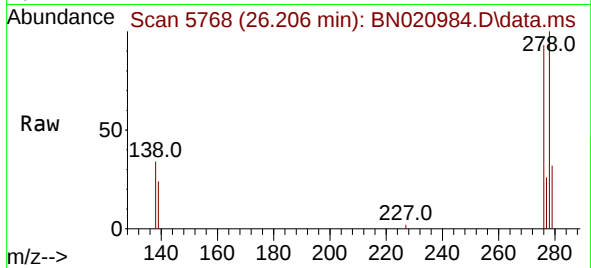




#28
 Dibenzo(a,h)anthracene
 Concen: 0.344 ng/ul
 RT: 26.206 min Scan# 51
 Delta R.T. -0.003 min
 Lab File: BN020984.D
 Acq: 04 Aug 2022 11:16

Instrument :
 BNA_N
 ClientSampleId :
 C0C58

Tgt Ion: 278 Resp: 10612
 Ion Ratio Lower Upper
 278 100
 139 23.8 18.3 27.5
 279 32.3 23.9 35.9



#29
 Benzo(g,h,i)perylene
 Concen: 0.397 ng/ul
 RT: 26.924 min Scan# 5982
 Delta R.T. -0.006 min
 Lab File: BN020984.D
 Acq: 04 Aug 2022 11:16

Tgt Ion: 276 Resp: 13799
 Ion Ratio Lower Upper
 276 100
 138 30.3 22.6 34.0
 277 24.8 20.2 30.2

