

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080422\
 Data File : BN020987.D
 Acq On : 04 Aug 2022 13:43
 Operator : CG/JU
 Sample : PB146571BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 05 01:21:24 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)

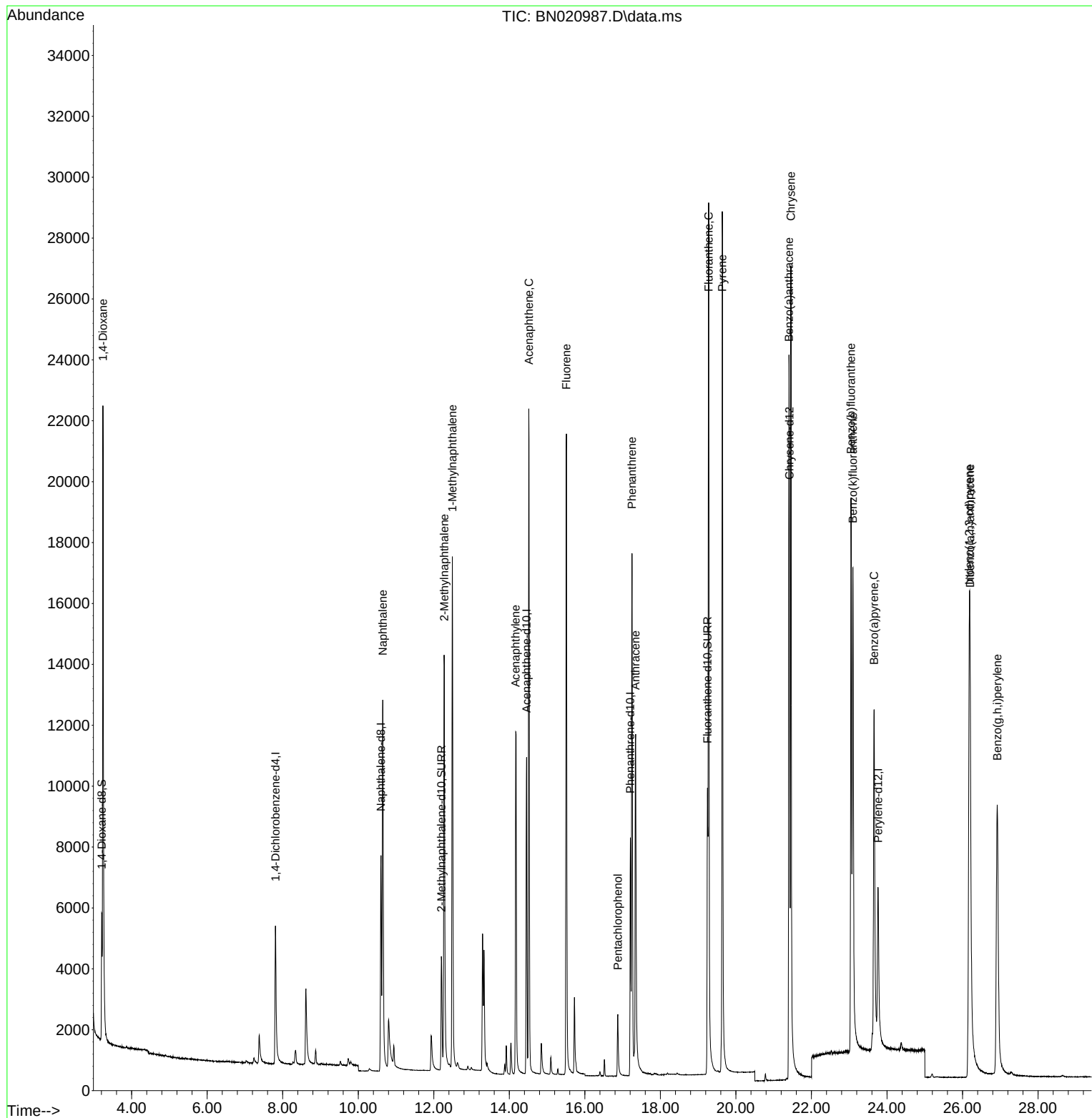
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	3388	0.400	ng/ul	0.00
4) Naphthalene-d8	10.602	136	10882	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.457	164	6049	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.205	188	9950	0.400	ng/ul	0.00
17) Chrysene-d12	21.418	240	10340	0.400	ng/ul	0.00
23) Perylene-d12	23.763	264	8386	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	2757	0.636	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.202	152	5734	0.360	ng/ul	0.00
18) Fluoranthene-d10	19.249	212	11495	0.360	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.240	88	13986	3.132	ng/ul#	81
5) Naphthalene	10.651	128	19289	0.577	ng/ul	98
7) 2-Methylnaphthalene	12.279	142	11861	0.585	ng/ul	99
8) 1-Methylnaphthalene	12.494	142	12871	0.635	ng/ul	100
10) Acenaphthylene	14.170	152	15864	0.561	ng/ul	98
11) Acenaphthene	14.517	153	13375	0.572	ng/ul	100
12) Fluorene	15.511	166	14815	0.579	ng/ul	99
14) Pentachlorophenol	16.872	266	1792	1.168	ng/ul	100
15) Phenanthrene	17.248	178	20446	0.575	ng/ul	99
16) Anthracene	17.345	178	16280	0.590	ng/ul	98
19) Fluoranthene	19.277	202	26620	0.582	ng/ul	99
20) Pyrene	19.640	202	27475	0.582	ng/ul	95
21) Benzo(a)anthracene	21.404	228	20856	0.618	ng/ul	99
22) Chrysene	21.456	228	26011	0.585	ng/ul	99
24) Benzo(b)fluoranthene	23.049	252	24694	0.636	ng/ul	96
25) Benzo(k)fluoranthene	23.099	252	24757	0.604	ng/ul	97
26) Benzo(a)pyrene	23.660	252	21404	0.604	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.179	276	24320	0.575	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.199	278	19483	0.583	ng/ul	96
29) Benzo(g,h,i)perylene	26.920	276	21800	0.578	ng/ul	99

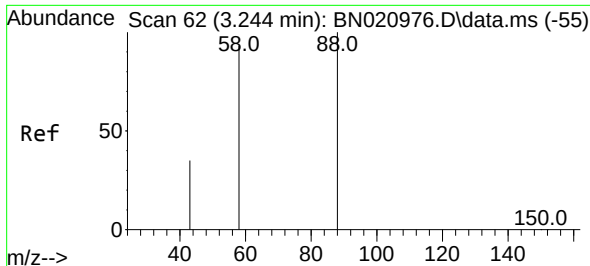
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080422\
Data File : BN020987.D
Acq On : 04 Aug 2022 13:43
Operator : CG/JU
Sample : PB146571BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

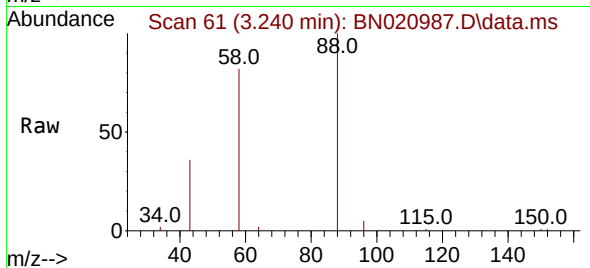
Quant Time: Aug 05 01:21:24 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 03 16:31:11 2022
Response via : Initial Calibration



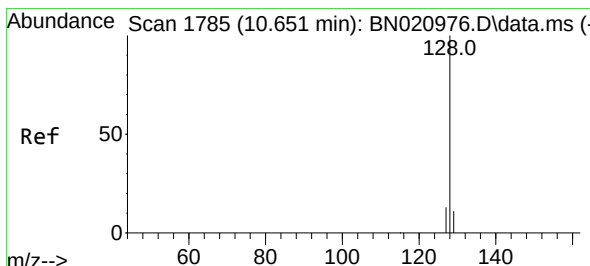
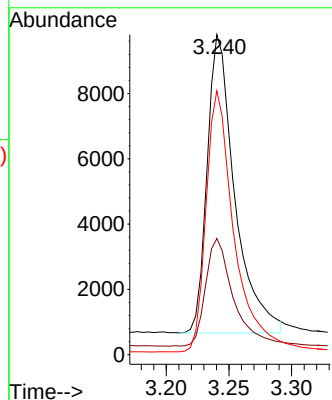
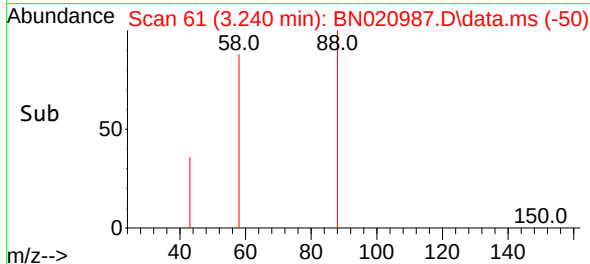


#2
 1,4-Dioxane
 Concen: 3.132 ng/ul
 RT: 3.240 min Scan# 61
 Delta R.T. -0.004 min
 Lab File: BN020987.D
 Acq: 04 Aug 2022 13:43

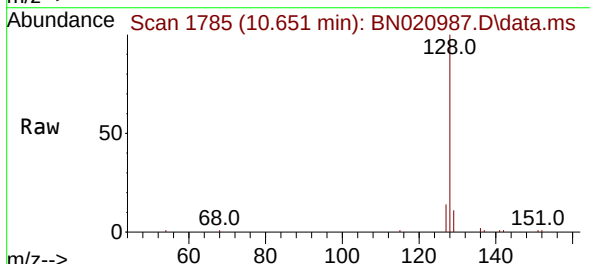
Instrument :
 BNA_N
 ClientSampleId :



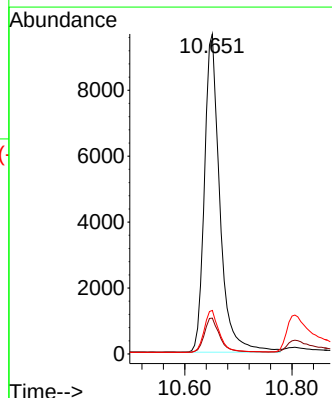
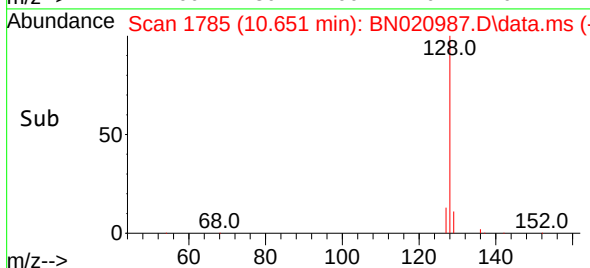
Tgt Ion: 88 Resp: 13986
 Ion Ratio Lower Upper
 88 100
 43 36.3 31.4 47.0
 58 82.4 49.0 73.6#

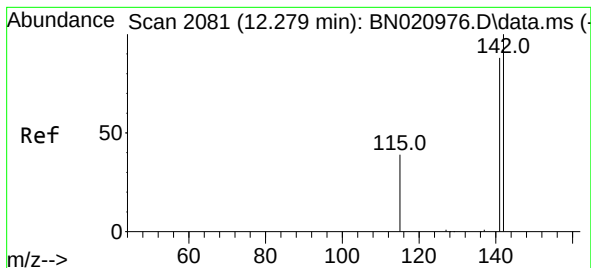


#5
 Naphthalene
 Concen: 0.577 ng/ul
 RT: 10.651 min Scan# 1785
 Delta R.T. 0.000 min
 Lab File: BN020987.D
 Acq: 04 Aug 2022 13:43



Tgt Ion: 128 Resp: 19289
 Ion Ratio Lower Upper
 128 100
 129 11.2 9.8 14.6
 127 13.6 11.6 17.4

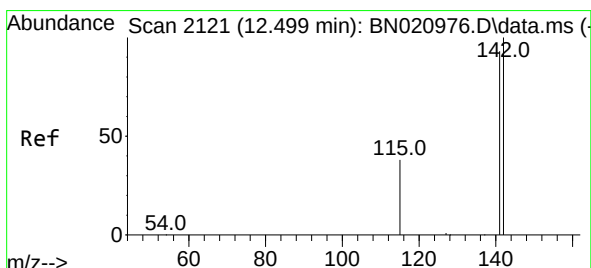
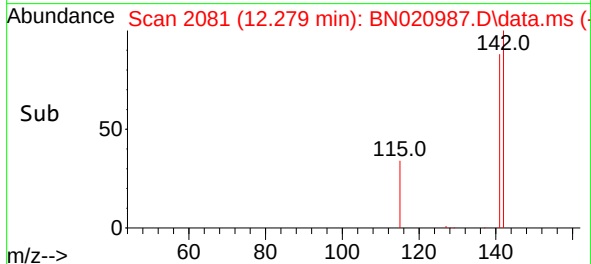
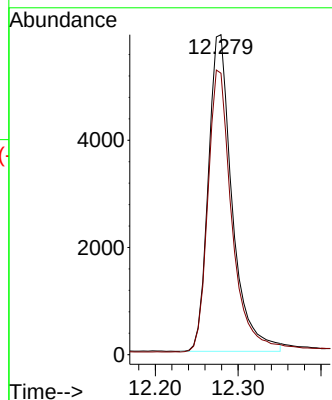
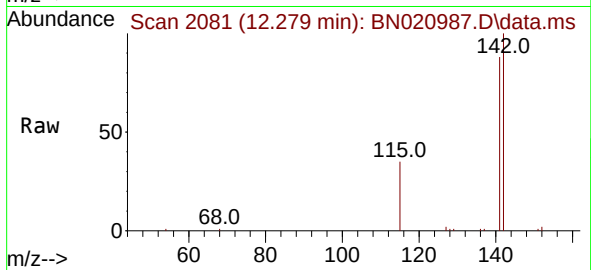




#7
2-Methylnaphthalene
Concen: 0.585 ng/ul
RT: 12.279 min Scan# 2081
Delta R.T. 0.000 min
Lab File: BN020987.D
Acq: 04 Aug 2022 13:43

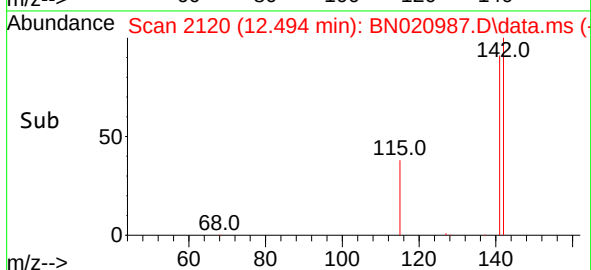
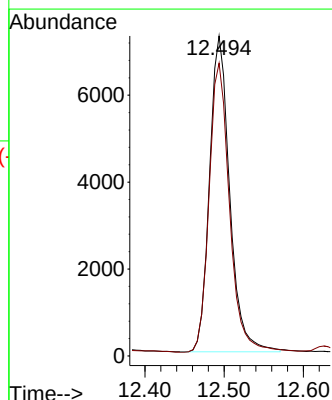
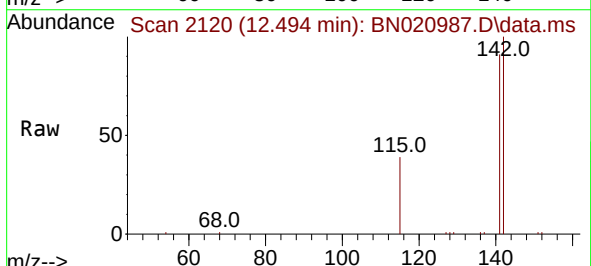
Instrument :
BNA_N
ClientSampleId :

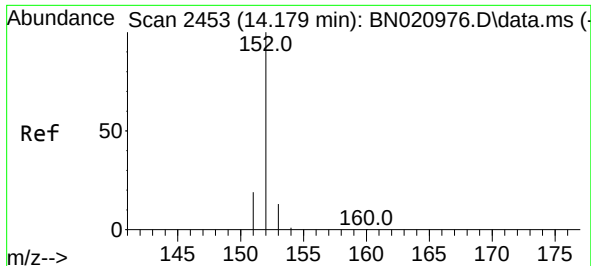
Tgt Ion:142 Resp: 11861
Ion Ratio Lower Upper
142 100
141 89.3 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.635 ng/ul
RT: 12.494 min Scan# 2120
Delta R.T. -0.005 min
Lab File: BN020987.D
Acq: 04 Aug 2022 13:43

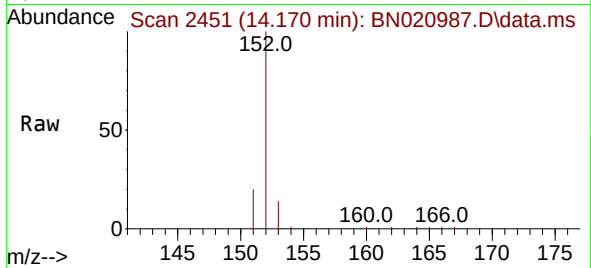
Tgt Ion:142 Resp: 12871
Ion Ratio Lower Upper
142 100
141 92.4 73.9 110.9



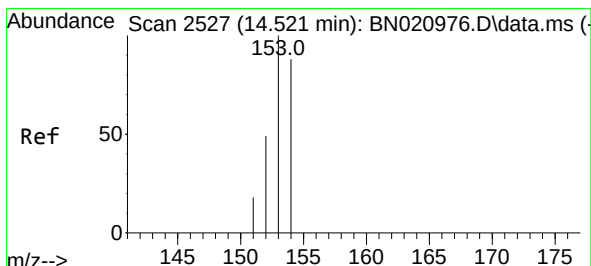
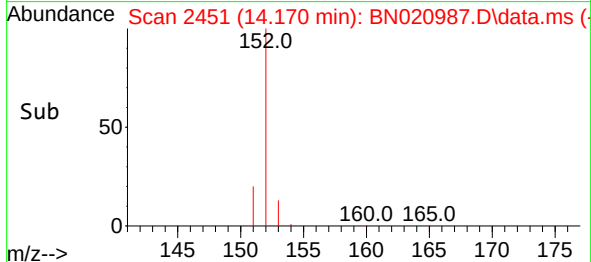
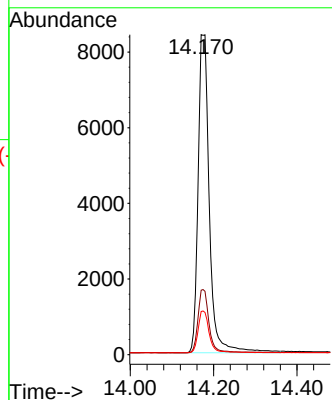


#10
Acenaphthylene
Concen: 0.561 ng/ul
RT: 14.170 min Scan# 2451
Delta R.T. -0.009 min
Lab File: BN020987.D
Acq: 04 Aug 2022 13:43

Instrument :
BNA_N
ClientSampleId :

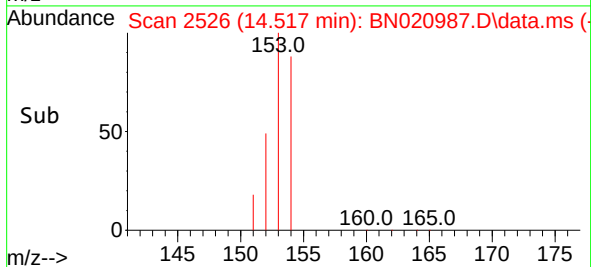
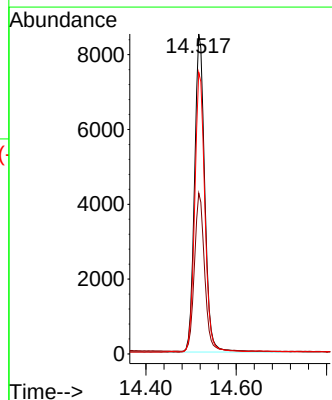
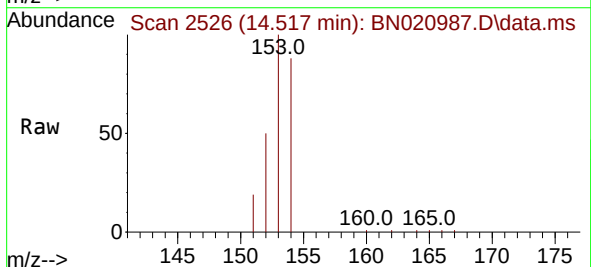


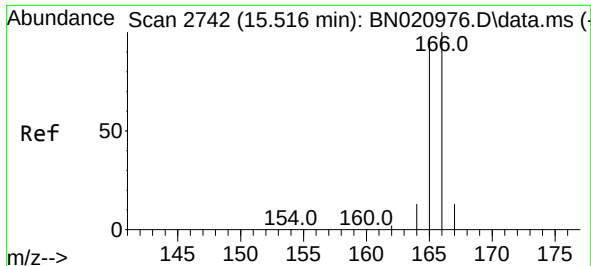
Tgt Ion:152 Resp: 15864
Ion Ratio Lower Upper
152 100
151 20.2 16.9 25.3
153 13.5 11.2 16.8



#11
Acenaphthene
Concen: 0.572 ng/ul
RT: 14.517 min Scan# 2526
Delta R.T. -0.004 min
Lab File: BN020987.D
Acq: 04 Aug 2022 13:43

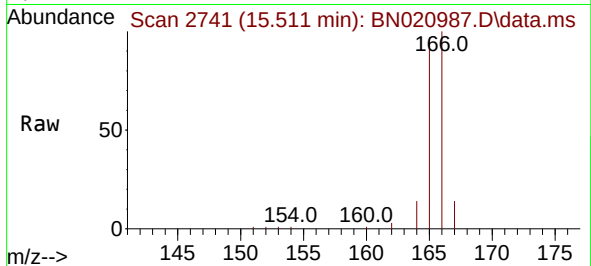
Tgt Ion:153 Resp: 13375
Ion Ratio Lower Upper
153 100
152 50.3 40.2 60.4
154 88.0 70.7 106.1



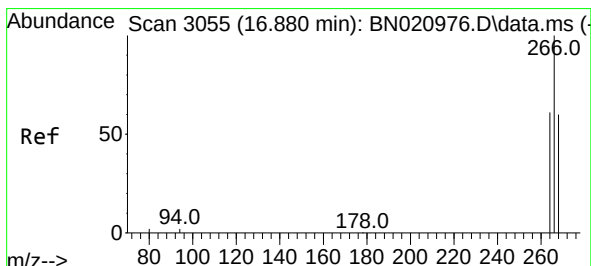
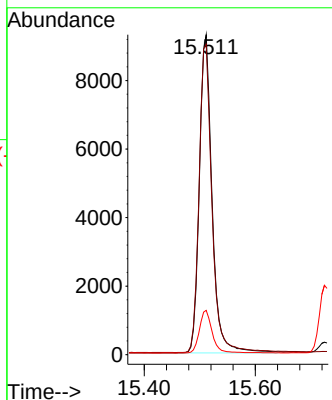
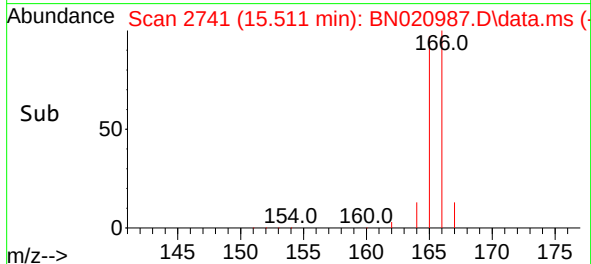


#12
Fluorene
Concen: 0.579 ng/ul
RT: 15.511 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN020987.D
Acq: 04 Aug 2022 13:43

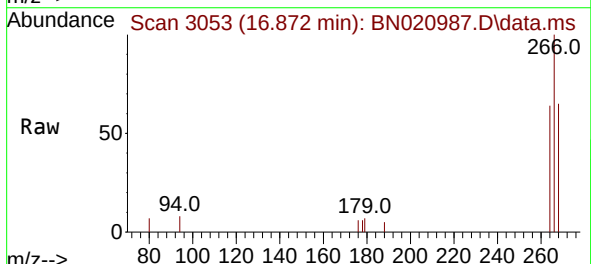
Instrument :
BNA_N
ClientSampleId :



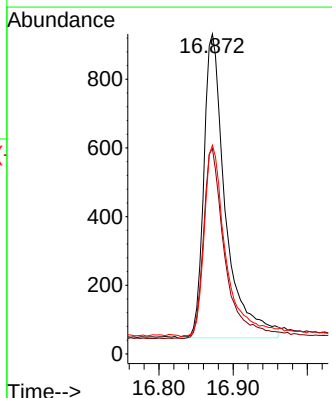
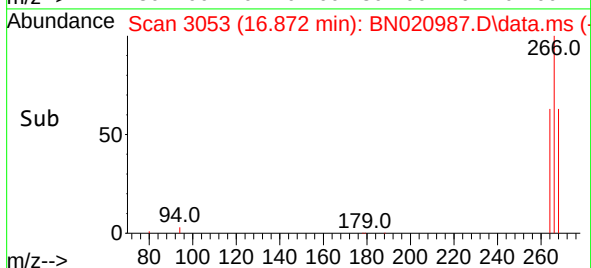
Tgt Ion:166 Resp: 14815
Ion Ratio Lower Upper
166 100
165 97.0 78.6 117.8
167 13.9 11.8 17.6

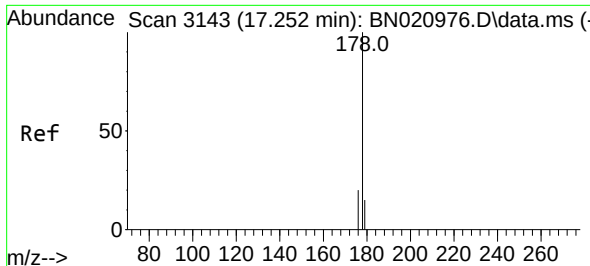


#14
Pentachlorophenol
Concen: 1.168 ng/ul
RT: 16.872 min Scan# 3053
Delta R.T. -0.008 min
Lab File: BN020987.D
Acq: 04 Aug 2022 13:43



Tgt Ion:266 Resp: 1792
Ion Ratio Lower Upper
266 100
264 62.2 49.8 74.8
268 63.2 50.6 75.8

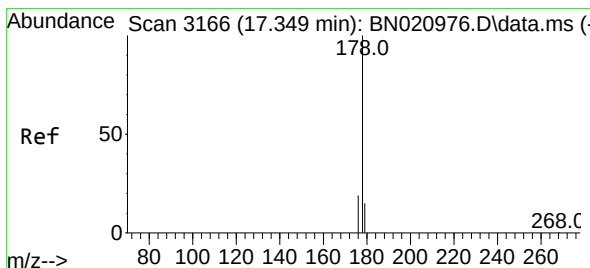
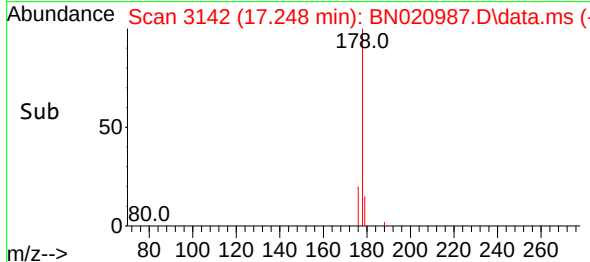
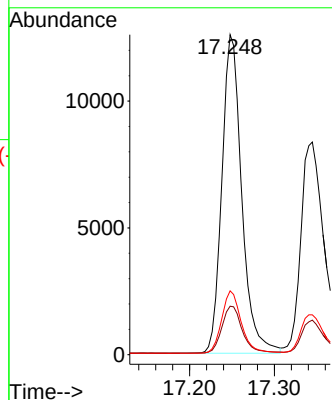
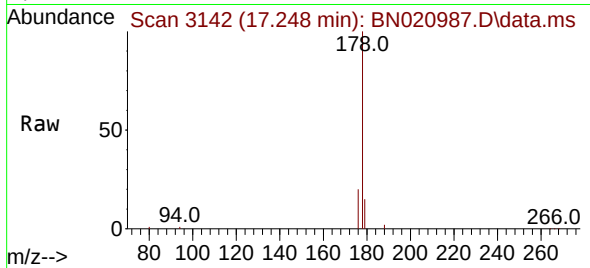




#15
Phenanthrene
Concen: 0.575 ng/ul
RT: 17.248 min Scan# 3143
Delta R.T. -0.004 min
Lab File: BN020987.D
Acq: 04 Aug 2022 13:43

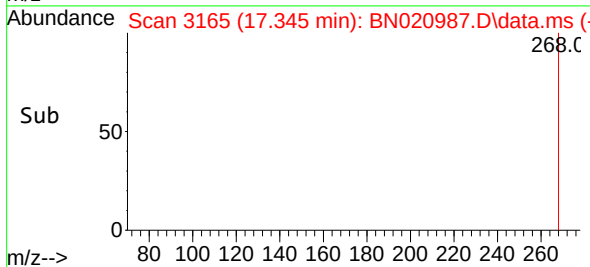
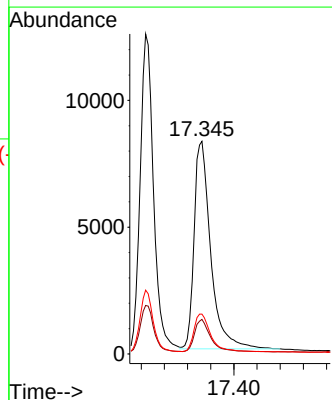
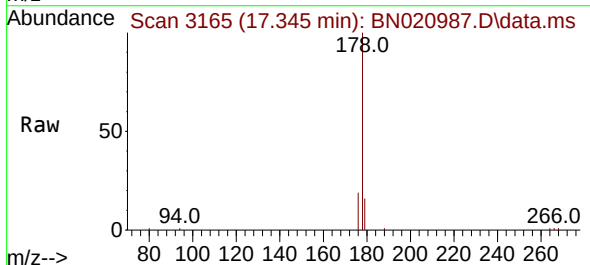
Instrument :
BNA_N
ClientSampleId :

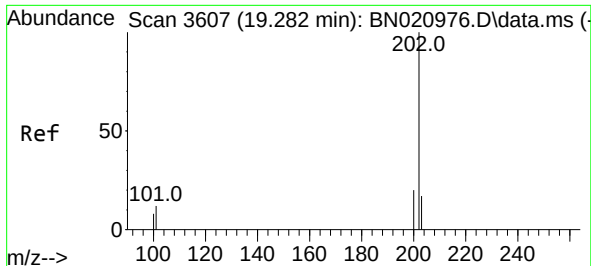
Tgt Ion:178 Resp: 20446
Ion Ratio Lower Upper
178 100
179 15.2 12.8 19.2
176 20.0 15.9 23.9



#16
Anthracene
Concen: 0.590 ng/ul
RT: 17.345 min Scan# 3165
Delta R.T. -0.004 min
Lab File: BN020987.D
Acq: 04 Aug 2022 13:43

Tgt Ion:178 Resp: 16280
Ion Ratio Lower Upper
178 100
179 16.2 12.9 19.3
176 18.7 15.9 23.9

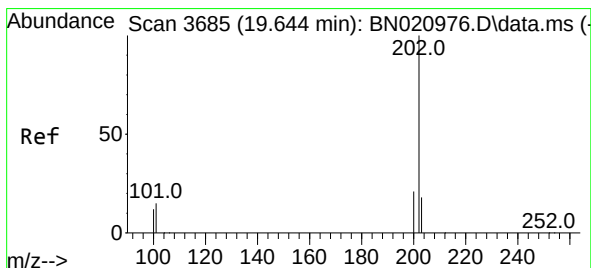
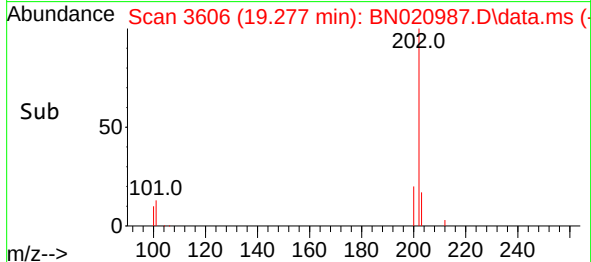
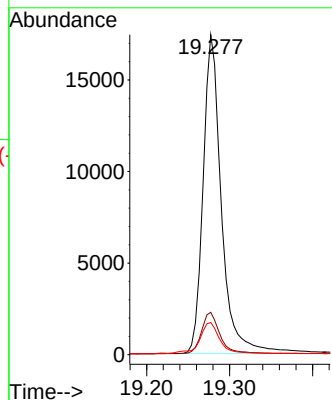
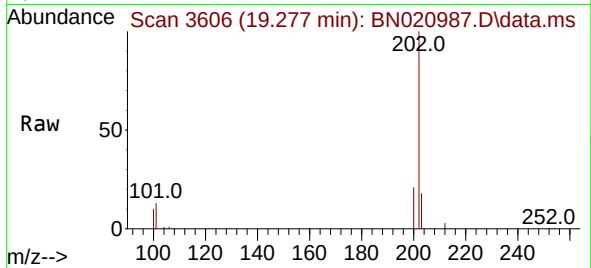




#19
Fluoranthene
Concen: 0.582 ng/u1
RT: 19.277 min Scan# 3606
Delta R.T. -0.004 min
Lab File: BN020987.D
Acq: 04 Aug 2022 13:43

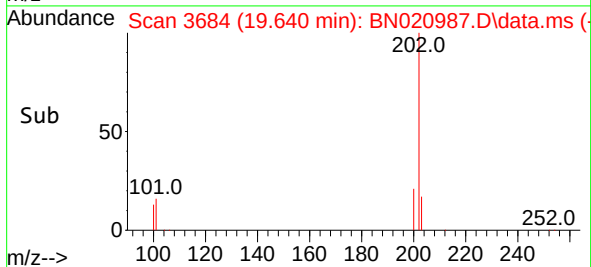
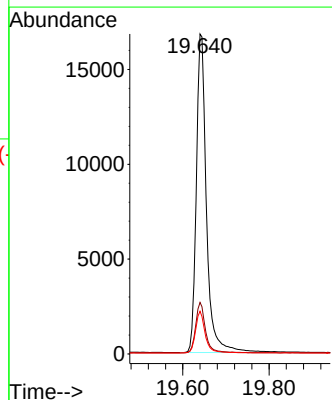
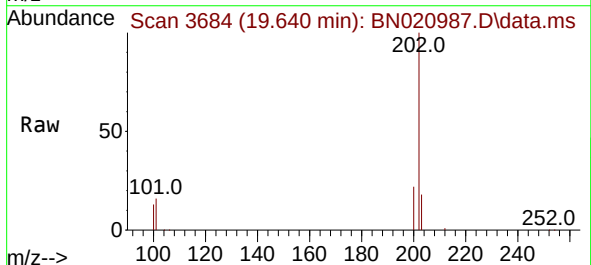
Instrument :
BNA_N
ClientSampleId :

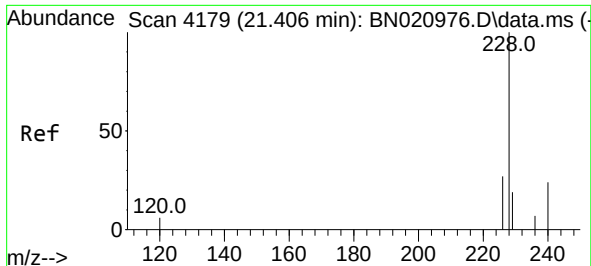
Tgt Ion:202 Resp: 26620
Ion Ratio Lower Upper
202 100
101 13.3 10.0 15.0
100 10.0 8.0 12.0



#20
Pyrene
Concen: 0.582 ng/u1
RT: 19.640 min Scan# 3684
Delta R.T. -0.004 min
Lab File: BN020987.D
Acq: 04 Aug 2022 13:43

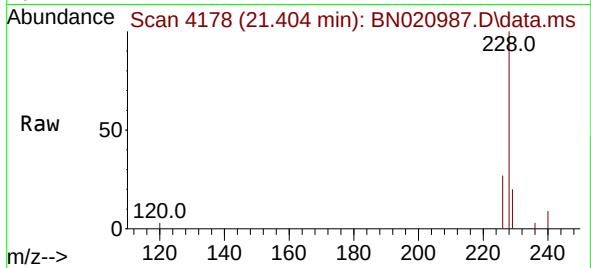
Tgt Ion:202 Resp: 27475
Ion Ratio Lower Upper
202 100
101 16.1 11.3 16.9
100 13.3 9.0 13.4



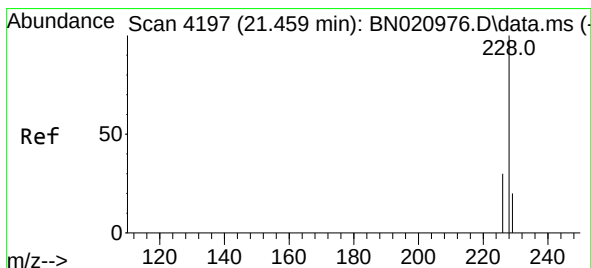
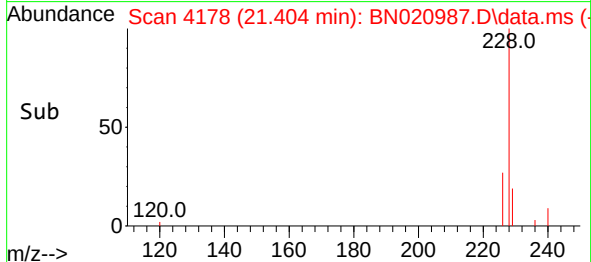
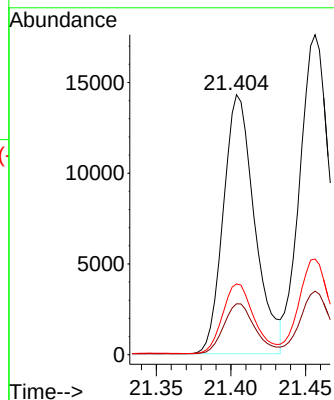


#21
Benzo(a)anthracene
Concen: 0.618 ng/ul
RT: 21.404 min Scan# 4178
Delta R.T. -0.003 min
Lab File: BN020987.D
Acq: 04 Aug 2022 13:43

Instrument :
BNA_N
ClientSampleId :

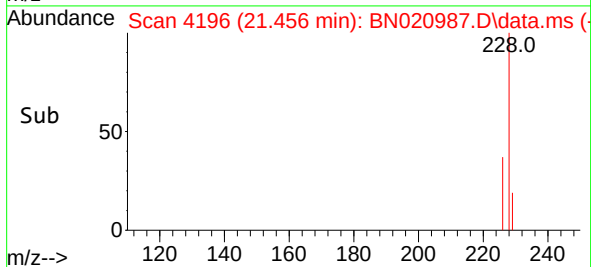
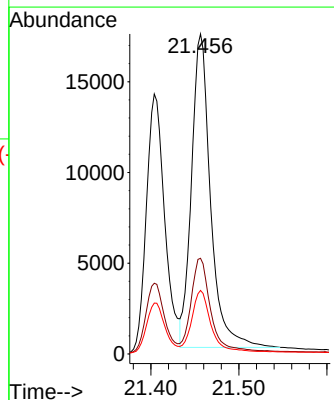
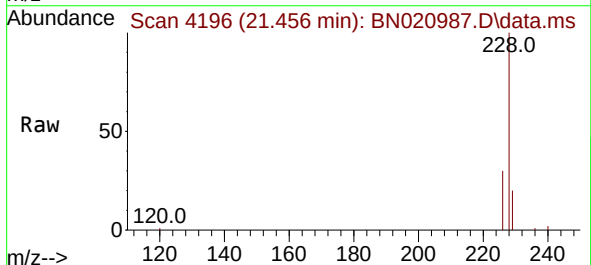


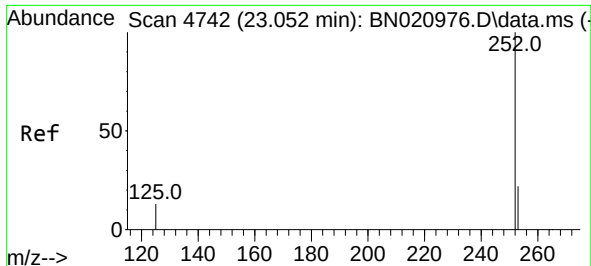
Tgt Ion:228 Resp: 20856
Ion Ratio Lower Upper
228 100
229 19.6 16.0 24.0
226 27.2 21.9 32.9



#22
Chrysene
Concen: 0.585 ng/ul
RT: 21.456 min Scan# 4196
Delta R.T. -0.003 min
Lab File: BN020987.D
Acq: 04 Aug 2022 13:43

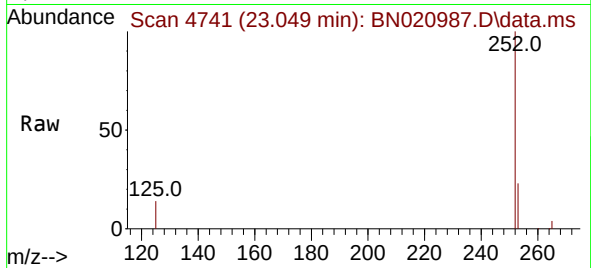
Tgt Ion:228 Resp: 26011
Ion Ratio Lower Upper
228 100
226 29.9 24.6 37.0
229 19.8 15.8 23.8



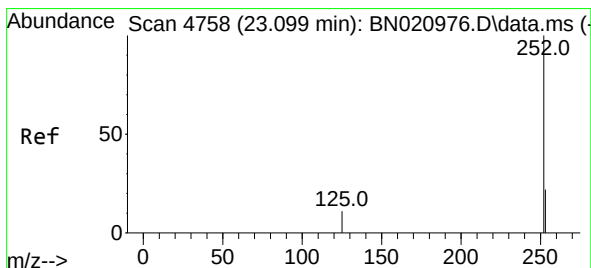
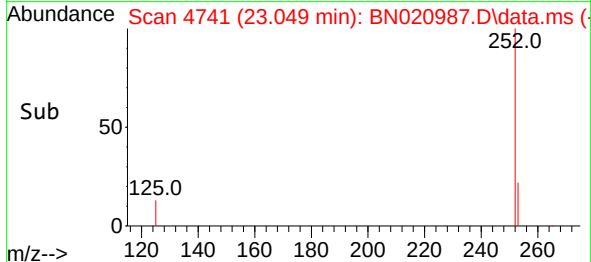
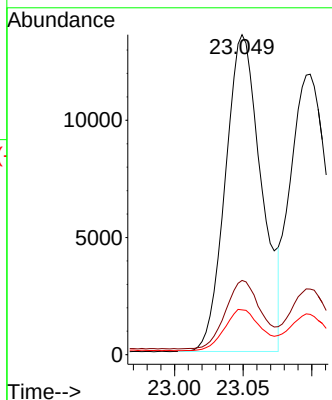


#24
Benzo(b)fluoranthene
Concen: 0.636 ng/ul
RT: 23.049 min Scan# 4741
Delta R.T. -0.003 min
Lab File: BN020987.D
Acq: 04 Aug 2022 13:43

Instrument :
BNA_N
ClientSampleId :

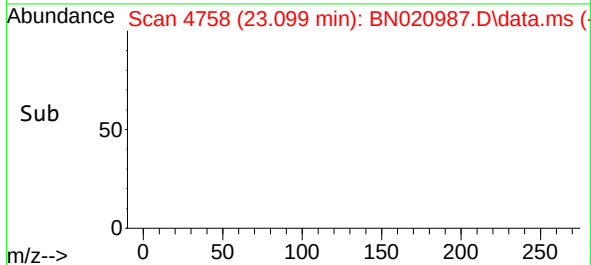
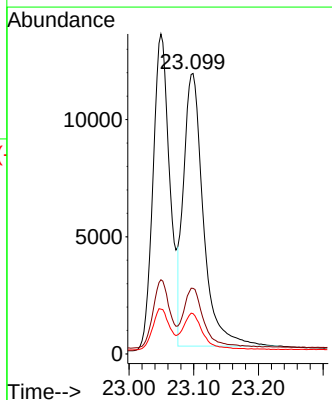
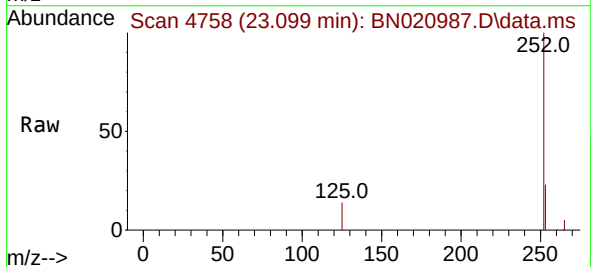


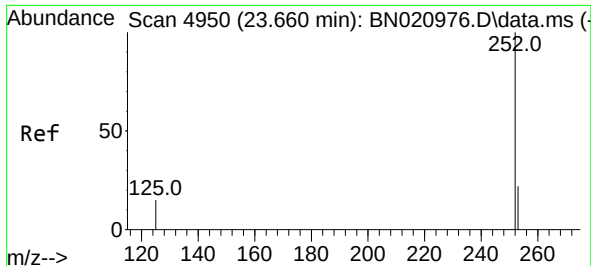
Tgt Ion:252 Resp: 24694
Ion Ratio Lower Upper
252 100
253 23.2 0.0 50.8
125 14.0 0.0 30.0



#25
Benzo(k)fluoranthene
Concen: 0.604 ng/ul
RT: 23.099 min Scan# 4758
Delta R.T. 0.000 min
Lab File: BN020987.D
Acq: 04 Aug 2022 13:43

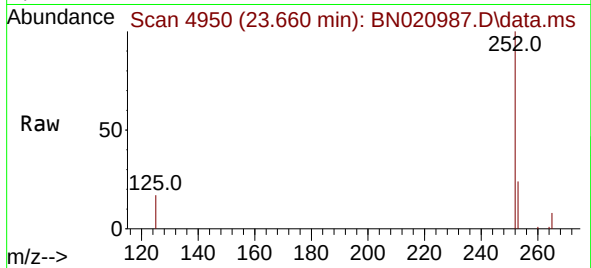
Tgt Ion:252 Resp: 24757
Ion Ratio Lower Upper
252 100
253 23.4 20.6 31.0
125 14.4 11.8 17.6



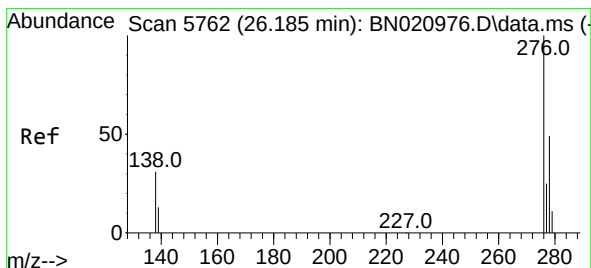
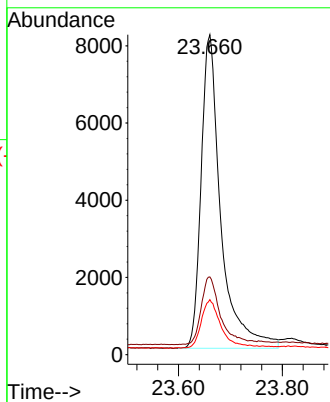
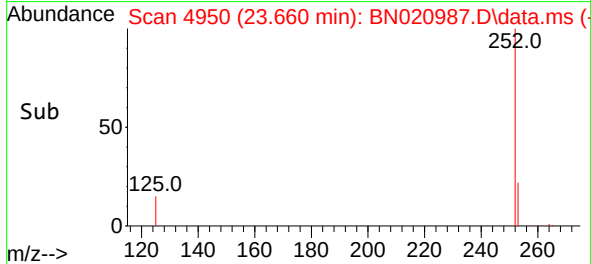


#26
Benzo(a)pyrene
Concen: 0.604 ng/ul
RT: 23.660 min Scan# 4950
Delta R.T. 0.000 min
Lab File: BN020987.D
Acq: 04 Aug 2022 13:43

Instrument :
BNA_N
ClientSampleId :

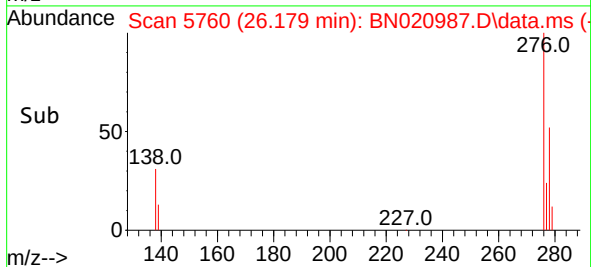
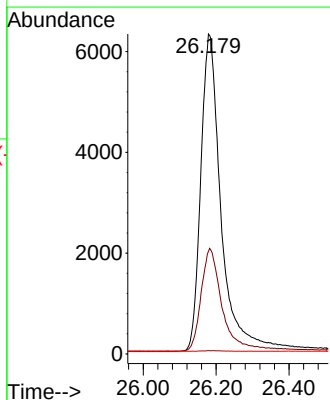
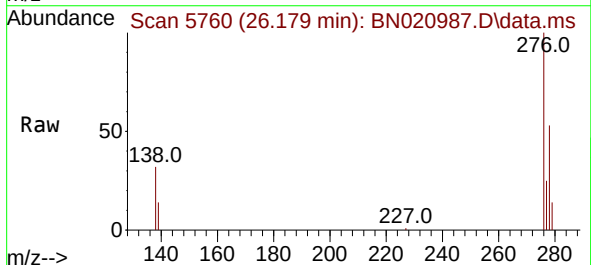


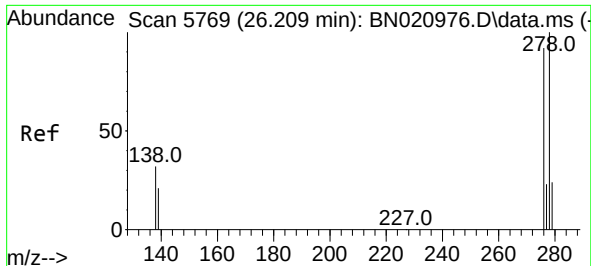
Tgt Ion:252 Resp: 21404
Ion Ratio Lower Upper
252 100
253 24.3 22.1 33.1
125 17.2 14.7 22.1



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.575 ng/ul
RT: 26.179 min Scan# 5760
Delta R.T. -0.006 min
Lab File: BN020987.D
Acq: 04 Aug 2022 13:43

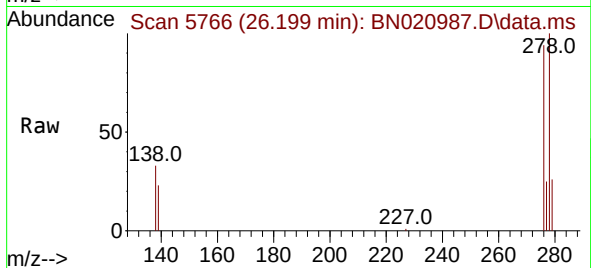
Tgt Ion:276 Resp: 24320
Ion Ratio Lower Upper
276 100
138 33.5 26.1 39.1
227 0.2 0.1 0.1#





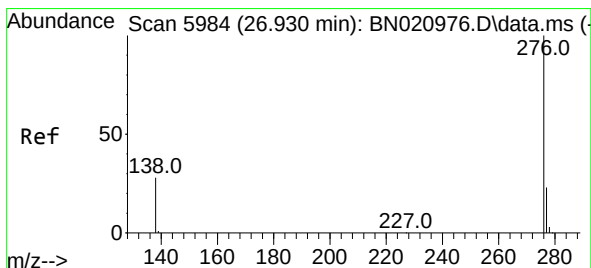
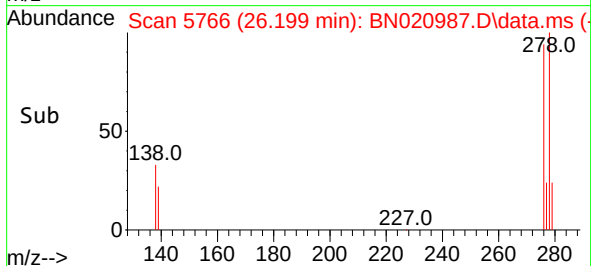
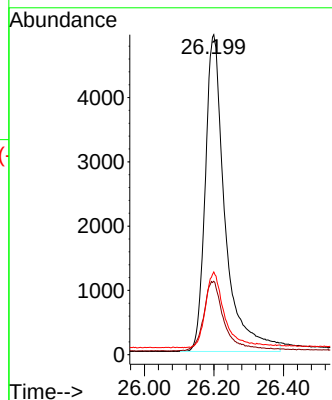
#28
 Dibenzo(a,h)anthracene
 Concen: 0.583 ng/ul
 RT: 26.199 min Scan# 51
 Delta R.T. -0.010 min
 Lab File: BN020987.D
 Acq: 04 Aug 2022 13:43

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion: 278 Resp: 19483

Ion	Ratio	Lower	Upper
278	100		
139	23.0	18.3	27.5
279	25.9	23.9	35.9



#29
 Benzo(g,h,i)perylene
 Concen: 0.578 ng/ul
 RT: 26.920 min Scan# 5981
 Delta R.T. -0.010 min
 Lab File: BN020987.D
 Acq: 04 Aug 2022 13:43

Tgt Ion: 276 Resp: 21800

Ion	Ratio	Lower	Upper
276	100		
138	29.1	22.6	34.0
277	24.5	20.2	30.2

