

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
 Data File : BN023426.D
 Acq On : 25 Dec 2022 00:25
 Operator : CG/JU
 Sample : PB149782BS
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 25 04:21:46 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 22 02:28:40 2022
 Response via : Initial Calibration

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

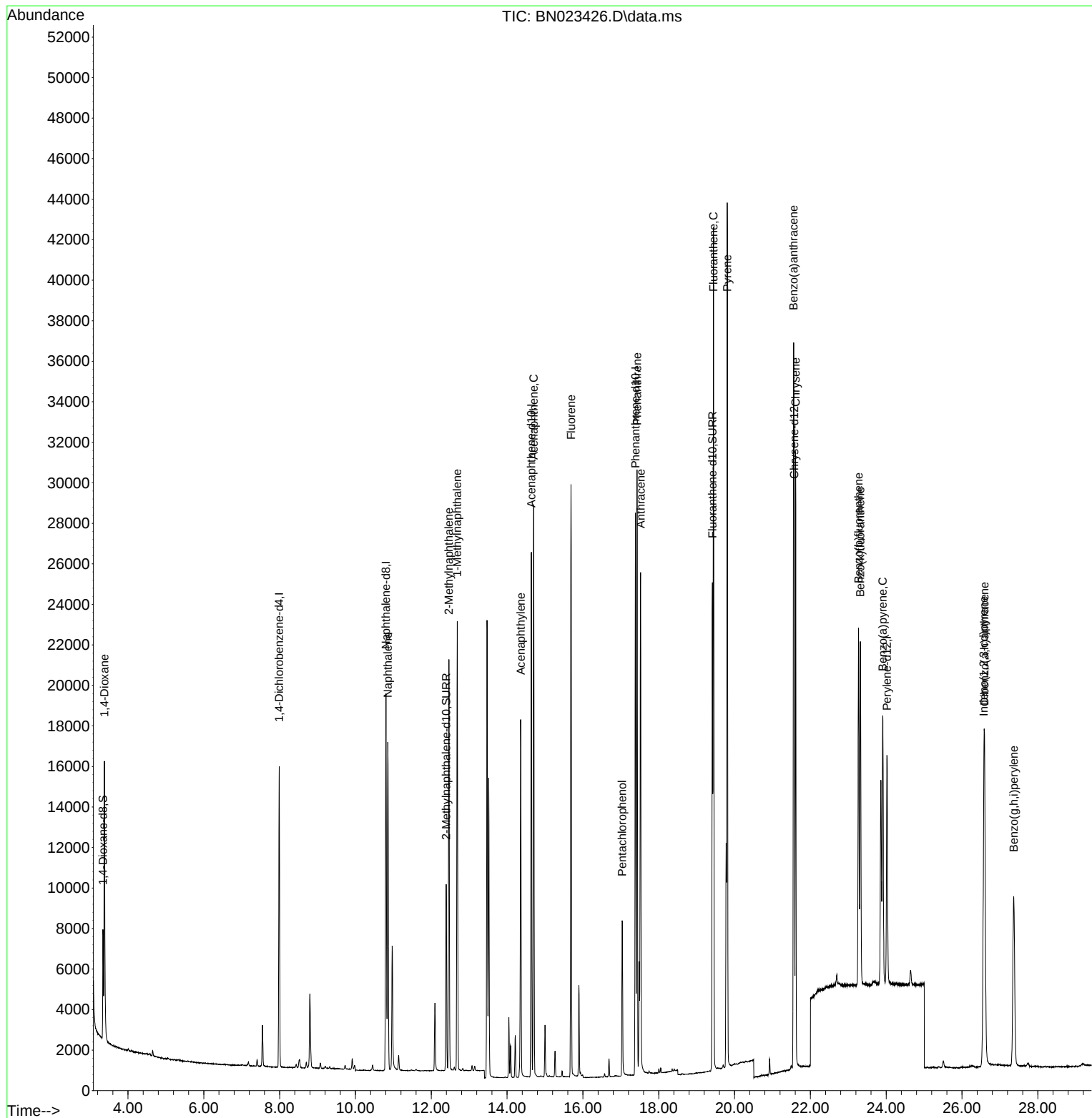
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.989	152	7201	0.400	ng/ul	0.00
4) Naphthalene-d8	10.804	136	24376	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.640	164	14070	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.386	188	31036	0.400	ng/ul	0.00
17) Chrysene-d12	21.574	240	19901	0.400	ng/ul	0.00
23) Perylene-d12	24.020	264	15845	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	3637	0.465	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.393	152	11511	0.305	ng/ul	-0.01
18) Fluoranthene-d10	19.415	212	24980	0.347	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.378	88	9789	1.223	ng/ul	94
5) Naphthalene	10.854	128	21424	0.299	ng/ul	100
7) 2-Methylnaphthalene	12.465	142	13784	0.301	ng/ul	100
8) 1-Methylnaphthalene	12.685	142	14865	0.315	ng/ul	99
10) Acenaphthylene	14.358	152	19960	0.320	ng/ul	99
11) Acenaphthene	14.701	153	15656	0.298	ng/ul	98
12) Fluorene	15.686	166	17714	0.300	ng/ul	99
14) Pentachlorophenol	17.035	266	5126	0.595	ng/ul	99
15) Phenanthrene	17.428	178	29449	0.291	ng/ul	100
16) Anthracene	17.521	178	26962	0.322	ng/ul	100
19) Fluoranthene	19.443	202	33465	0.347	ng/ul	99
20) Pyrene	19.806	202	34423	0.354	ng/ul	100
21) Benzo(a)anthracene	21.556	228	27599	0.356	ng/ul	99
22) Chrysene	21.609	228	26210	0.333	ng/ul	99
24) Benzo(b)fluoranthene	23.272	252	23109	0.282	ng/ul	95
25) Benzo(k)fluoranthene	23.319	252	22302	0.290	ng/ul	96
26) Benzo(a)pyrene	23.909	252	18839	0.290	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	26.575	276	22975	0.303	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.595	278	18209	0.310	ng/ul	97
29) Benzo(g,h,i)perylene	27.363	276	19013	0.308	ng/ul	96

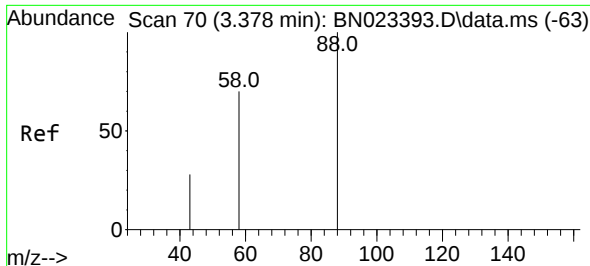
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
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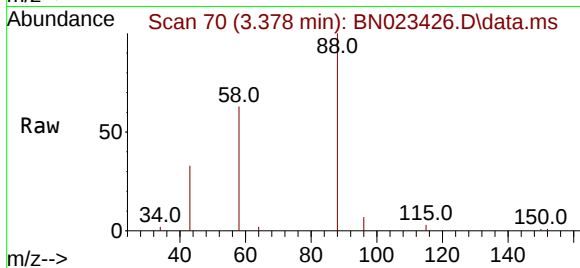
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:28:40 2022
Response via : Initial Calibration



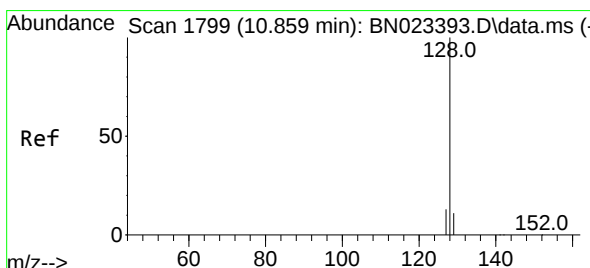
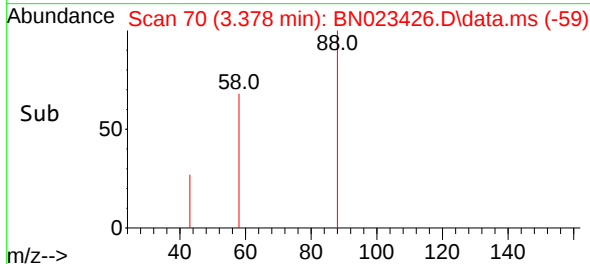
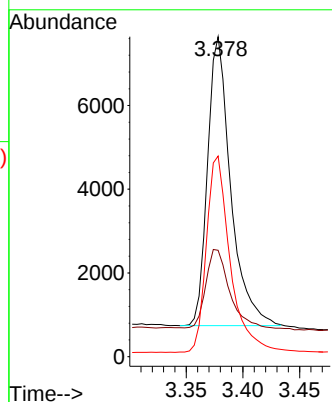


#2
1,4-Dioxane
Concen: 1.223 ng/ul
RT: 3.378 min Scan# 70
Delta R.T. -0.004 min
Lab File: BN023426.D
Acq: 25 Dec 2022 00:25

Instrument :
BNA_N
ClientSampleId :

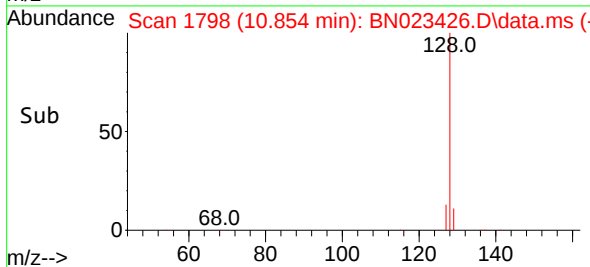
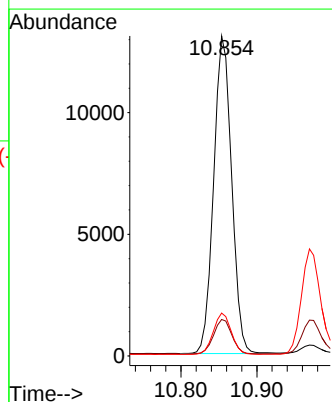
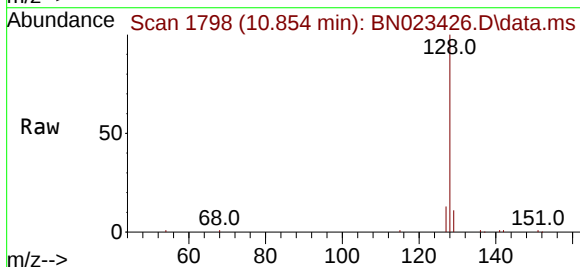


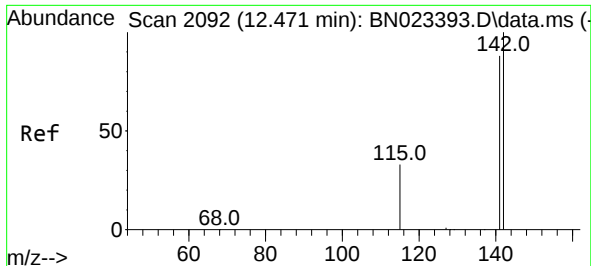
Tgt Ion: 88 Resp: 9789
Ion Ratio Lower Upper
88 100
43 33.3 28.4 42.6
58 62.7 45.6 68.4



#5
Naphthalene
Concen: 0.299 ng/ul
RT: 10.854 min Scan# 1798
Delta R.T. -0.011 min
Lab File: BN023426.D
Acq: 25 Dec 2022 00:25

Tgt Ion: 128 Resp: 21424
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.4
127 13.4 10.7 16.1

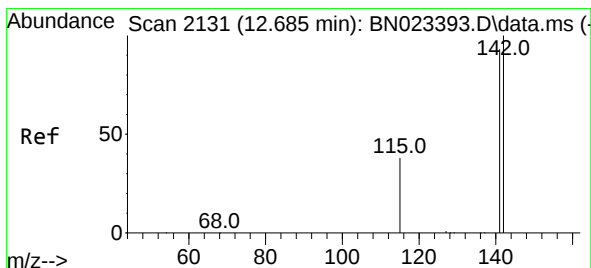
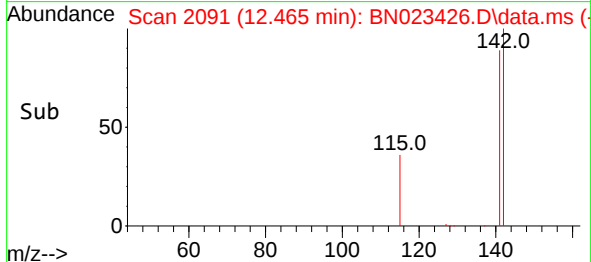
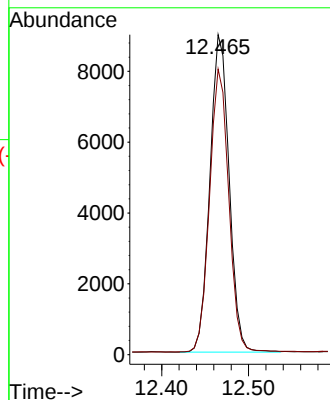
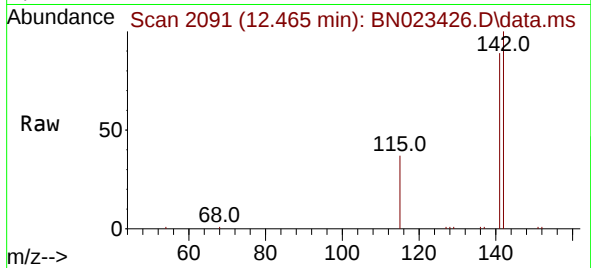




#7
2-Methylnaphthalene
Concen: 0.301 ng/ul
RT: 12.465 min Scan# 2091
Delta R.T. -0.011 min
Lab File: BN023426.D
Acq: 25 Dec 2022 00:25

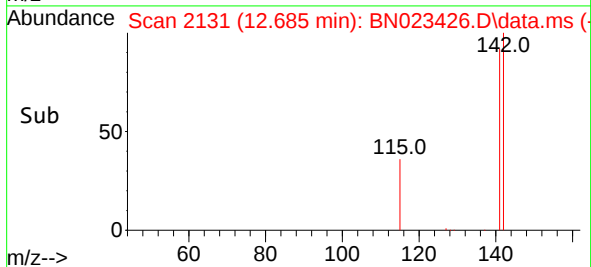
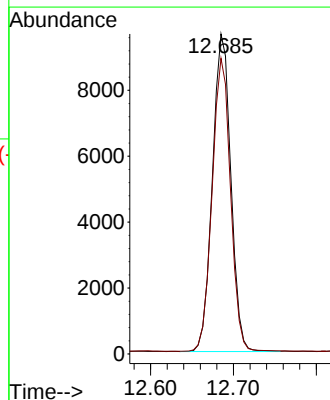
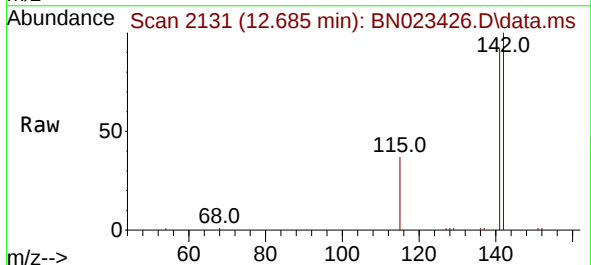
Instrument :
BNA_N
ClientSampleId :

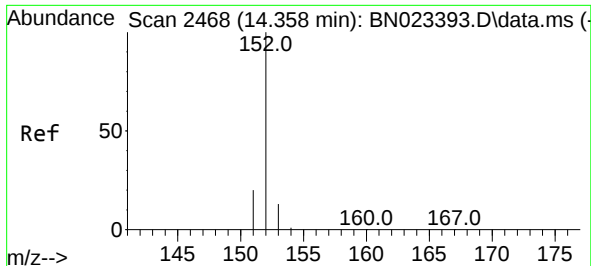
Tgt Ion:142 Resp: 13784
Ion Ratio Lower Upper
142 100
141 89.1 71.4 107.2



#8
1-Methylnaphthalene
Concen: 0.315 ng/ul
RT: 12.685 min Scan# 2131
Delta R.T. -0.011 min
Lab File: BN023426.D
Acq: 25 Dec 2022 00:25

Tgt Ion:142 Resp: 14865
Ion Ratio Lower Upper
142 100
141 92.0 74.0 111.0

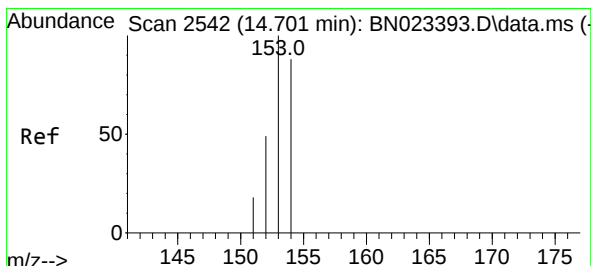
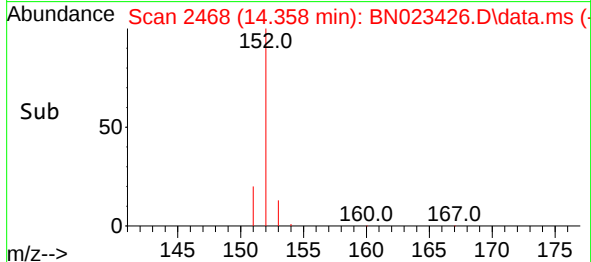
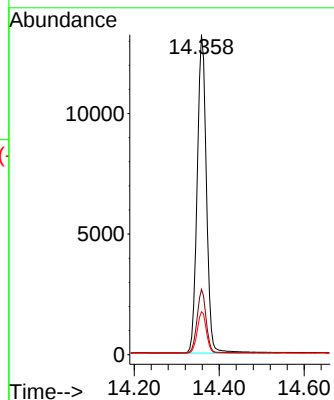
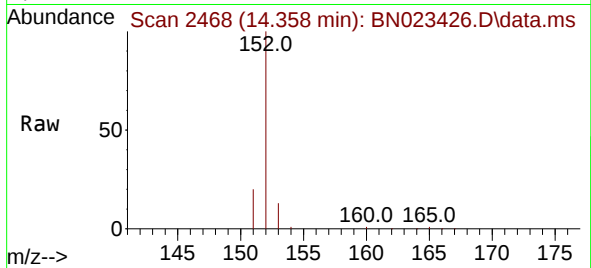




#10
Acenaphthylene
Concen: 0.320 ng/ul
RT: 14.358 min Scan# 2468
Delta R.T. -0.010 min
Lab File: BN023426.D
Acq: 25 Dec 2022 00:25

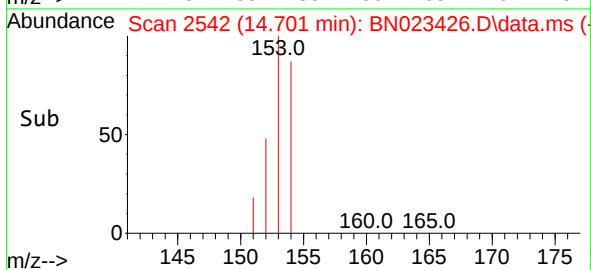
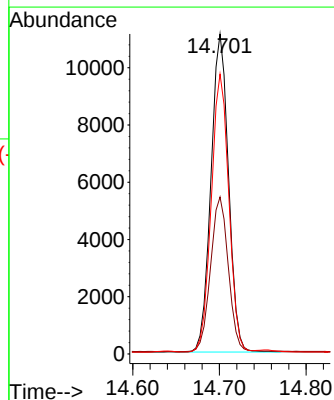
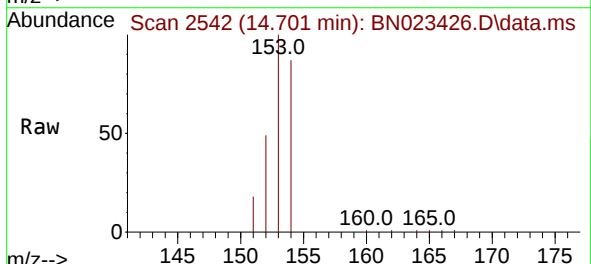
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BNA_N
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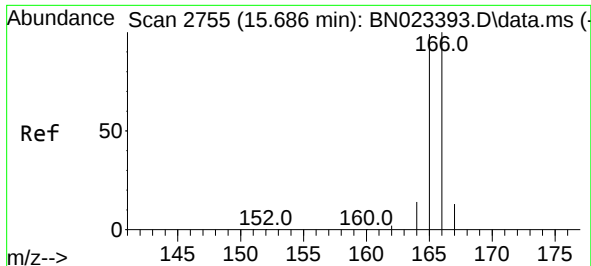
Tgt Ion:152 Resp: 19960
Ion Ratio Lower Upper
152 100
151 20.4 16.1 24.1
153 13.4 10.9 16.3



#11
Acenaphthene
Concen: 0.298 ng/ul
RT: 14.701 min Scan# 2542
Delta R.T. -0.006 min
Lab File: BN023426.D
Acq: 25 Dec 2022 00:25

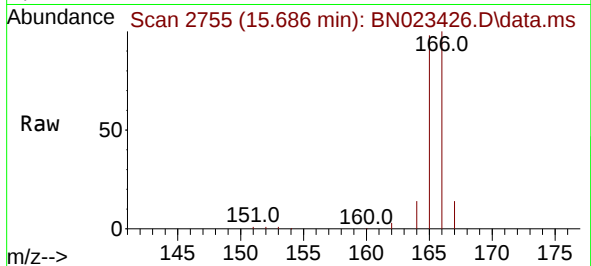
Tgt Ion:153 Resp: 15656
Ion Ratio Lower Upper
153 100
152 49.1 41.0 61.4
154 87.5 69.5 104.3





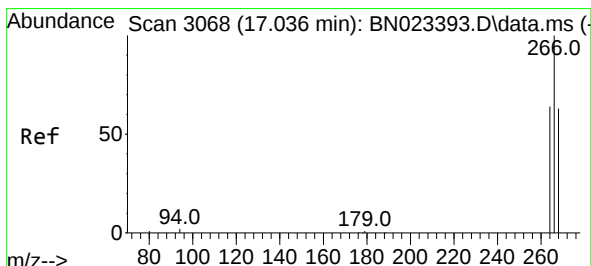
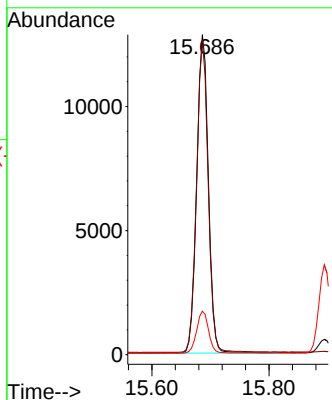
#12
 Fluorene
 Concen: 0.300 ng/ul
 RT: 15.686 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BN023426.D
 Acq: 25 Dec 2022 00:25

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:166 Resp: 17714

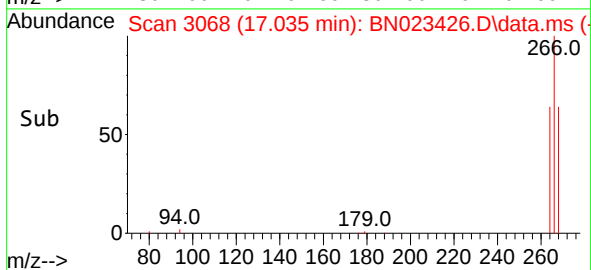
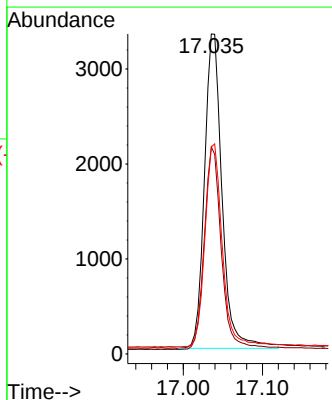
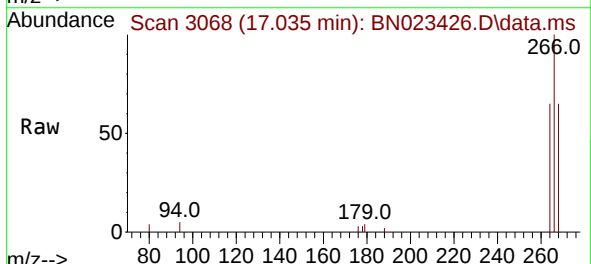
Ion	Ratio	Lower	Upper
166	100		
165	98.4	79.1	118.7
167	13.6	11.0	16.4

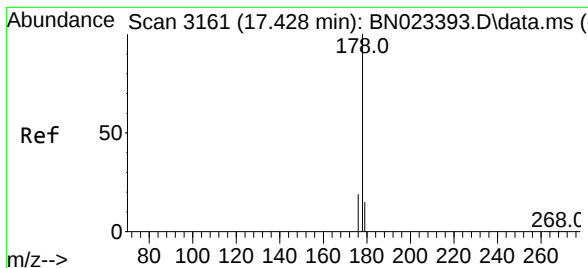


#14
 Pentachlorophenol
 Concen: 0.595 ng/ul
 RT: 17.035 min Scan# 3068
 Delta R.T. -0.005 min
 Lab File: BN023426.D
 Acq: 25 Dec 2022 00:25

Tgt Ion:266 Resp: 5126

Ion	Ratio	Lower	Upper
266	100		
264	62.5	49.8	74.6
268	63.5	51.4	77.0





#15

Phenanthrene

Concen: 0.291 ng/ul

RT: 17.428 min Scan# 3161

Delta R.T. -0.005 min

Lab File: BN023426.D

Acq: 25 Dec 2022 00:25

Instrument :

BNA_N

ClientSampleId :

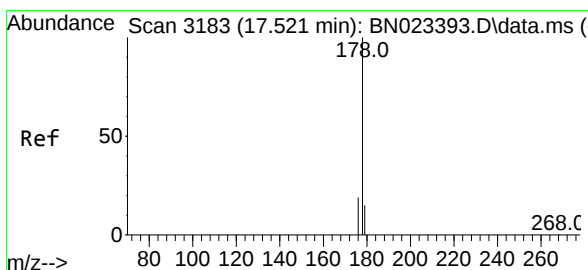
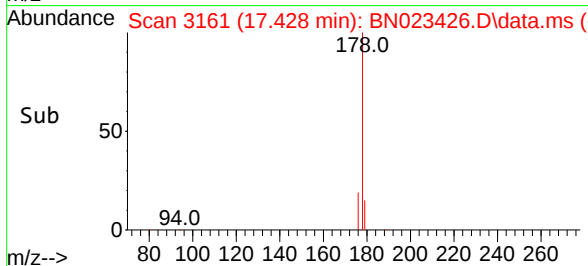
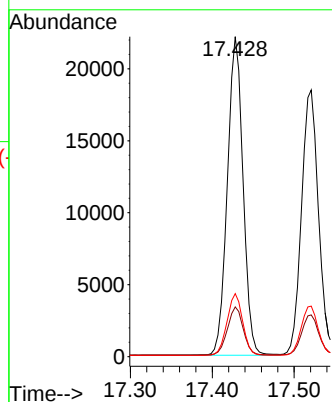
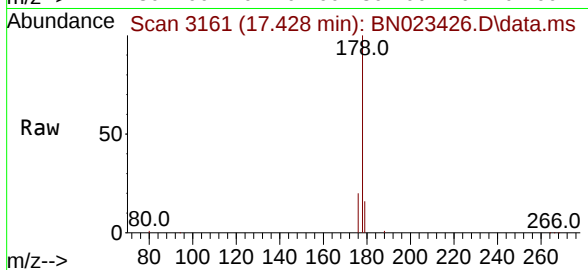
Tgt Ion:178 Resp: 29449

Ion Ratio Lower Upper

178 100

179 15.6 12.5 18.7

176 19.7 15.7 23.5



#16

Anthracene

Concen: 0.322 ng/ul

RT: 17.521 min Scan# 3183

Delta R.T. -0.005 min

Lab File: BN023426.D

Acq: 25 Dec 2022 00:25

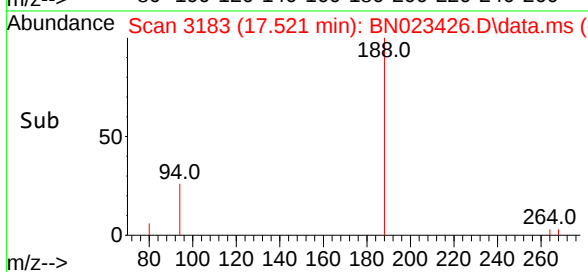
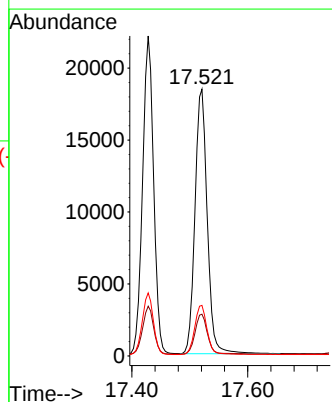
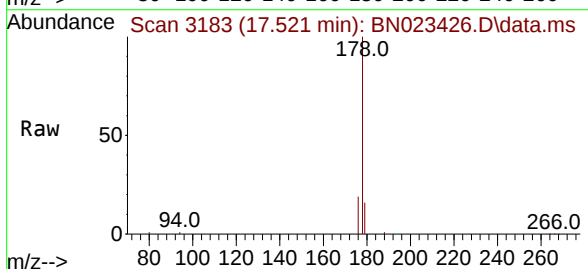
Tgt Ion:178 Resp: 26962

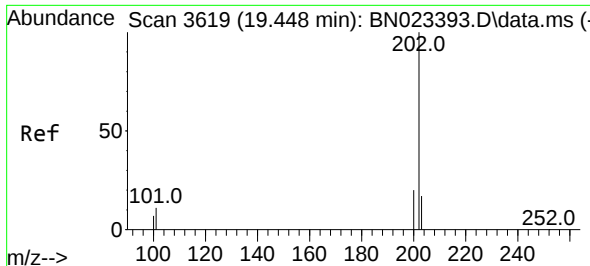
Ion Ratio Lower Upper

178 100

179 15.6 12.6 18.8

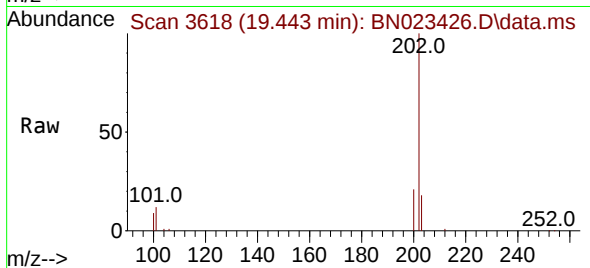
176 19.0 15.4 23.0



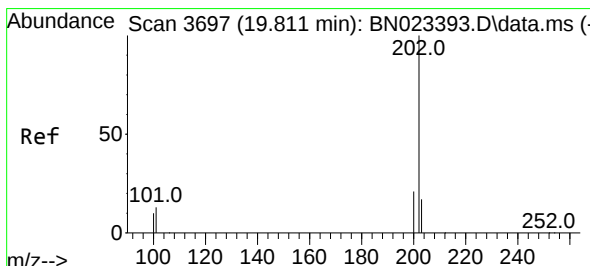
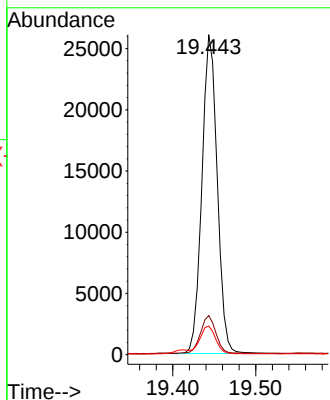
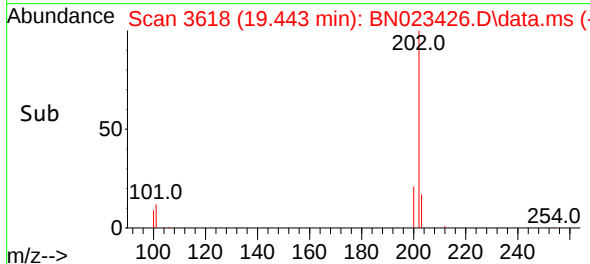


#19
Fluoranthene
Concen: 0.347 ng/ul
RT: 19.443 min Scan# 3618
Delta R.T. -0.006 min
Lab File: BN023426.D
Acq: 25 Dec 2022 00:25

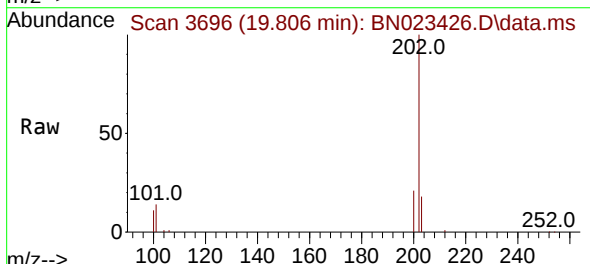
Instrument :
BNA_N
ClientSampleId :



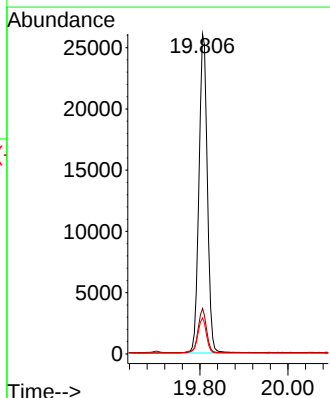
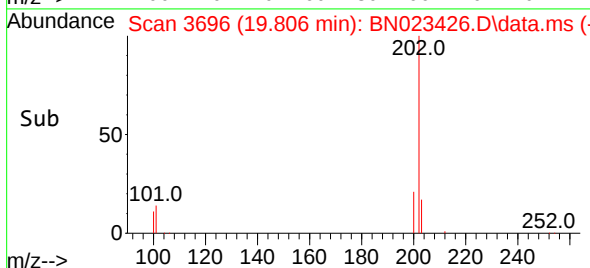
Tgt Ion:202 Resp: 33465
Ion Ratio Lower Upper
202 100
101 12.2 9.4 14.2
100 9.0 7.0 10.6

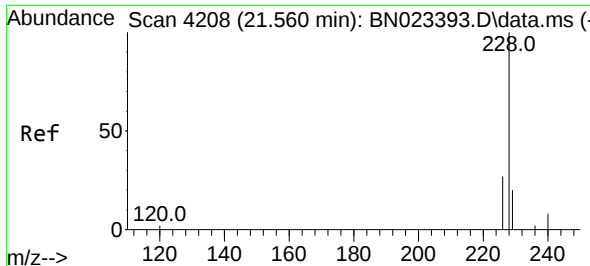


#20
Pyrene
Concen: 0.354 ng/ul
RT: 19.806 min Scan# 3696
Delta R.T. -0.006 min
Lab File: BN023426.D
Acq: 25 Dec 2022 00:25



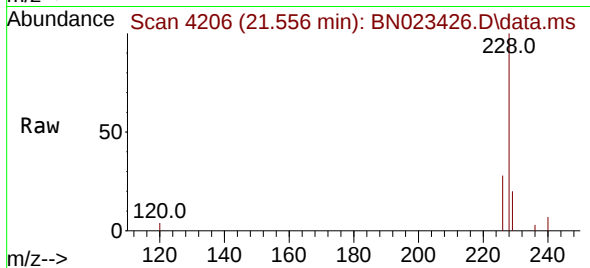
Tgt Ion:202 Resp: 34423
Ion Ratio Lower Upper
202 100
101 14.2 11.3 16.9
100 11.3 9.0 13.4



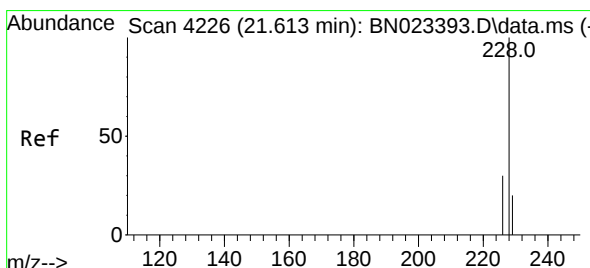
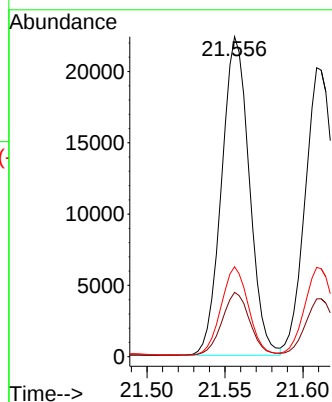
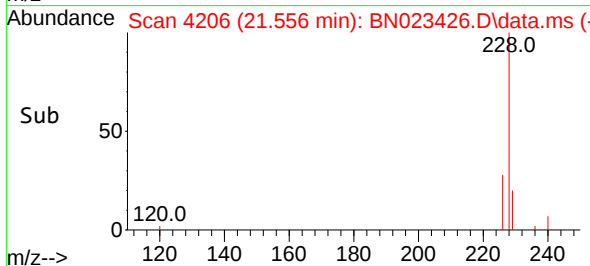


#21
Benzo(a)anthracene
Concen: 0.356 ng/ul
RT: 21.556 min Scan# 41
Delta R.T. -0.005 min
Lab File: BN023426.D
Acq: 25 Dec 2022 00:25

Instrument :
BNA_N
ClientSampleId :

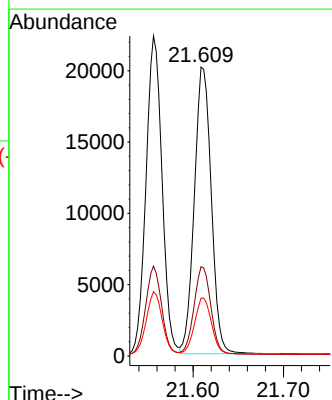
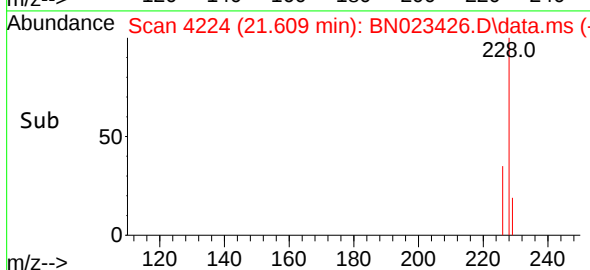
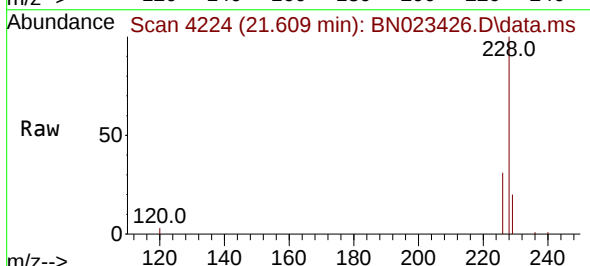


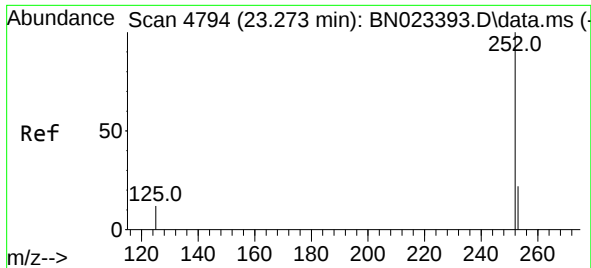
Tgt Ion:228 Resp: 27599
Ion Ratio Lower Upper
228 100
229 20.1 15.6 23.4
226 28.1 22.2 33.2



#22
Chrysene
Concen: 0.333 ng/ul
RT: 21.609 min Scan# 4224
Delta R.T. -0.008 min
Lab File: BN023426.D
Acq: 25 Dec 2022 00:25

Tgt Ion:228 Resp: 26210
Ion Ratio Lower Upper
228 100
226 30.9 24.3 36.5
229 20.0 15.8 23.6

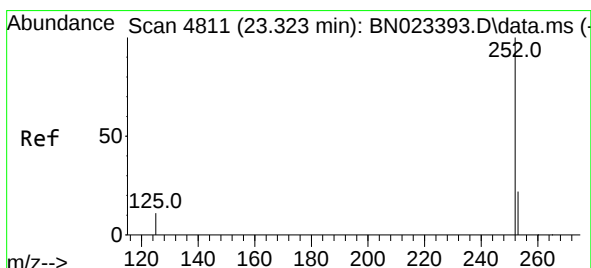
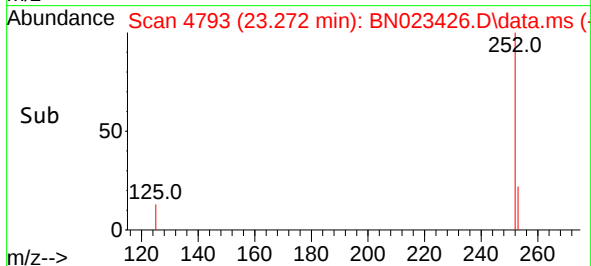
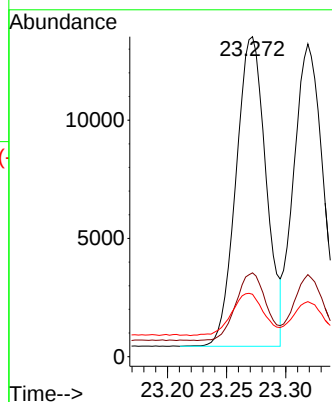
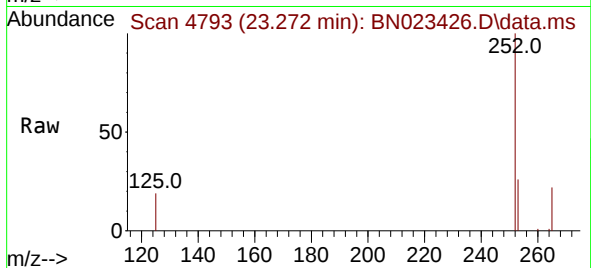




#24
Benzo(b)fluoranthene
Concen: 0.282 ng/ul
RT: 23.272 min Scan# 41
Delta R.T. -0.002 min
Lab File: BN023426.D
Acq: 25 Dec 2022 00:25

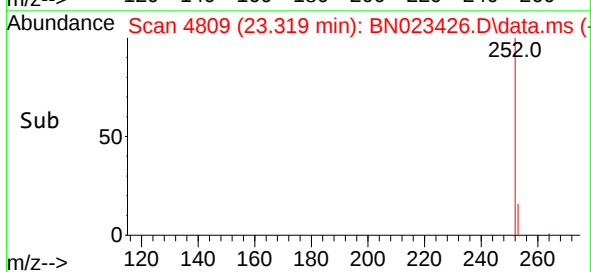
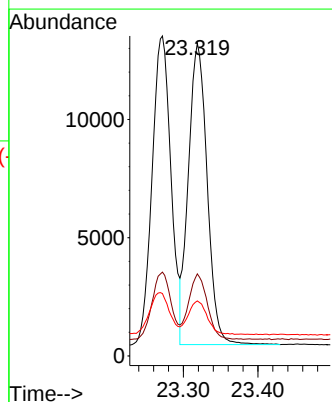
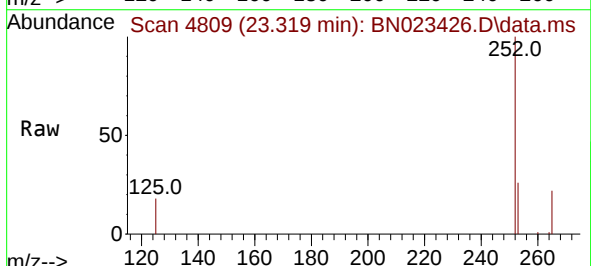
Instrument :
BNA_N
ClientSampleId :

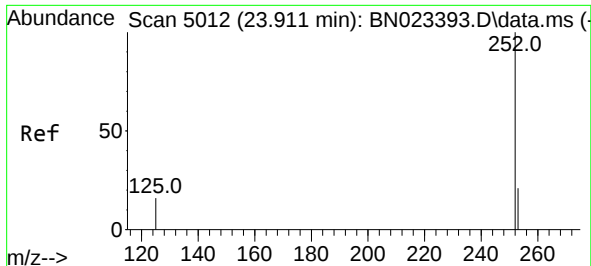
Tgt Ion:252 Resp: 23109
Ion Ratio Lower Upper
252 100
253 26.2 0.0 49.2
125 19.5 0.0 31.8



#25
Benzo(k)fluoranthene
Concen: 0.290 ng/ul
RT: 23.319 min Scan# 4809
Delta R.T. -0.005 min
Lab File: BN023426.D
Acq: 25 Dec 2022 00:25

Tgt Ion:252 Resp: 22302
Ion Ratio Lower Upper
252 100
253 26.3 19.8 29.6
125 17.6 12.6 18.8

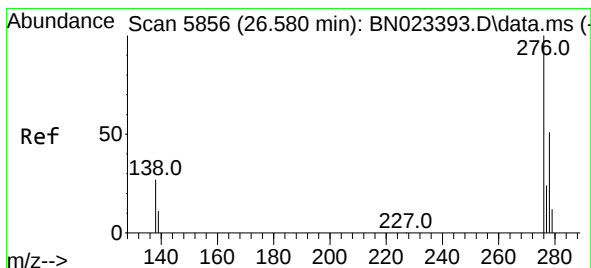
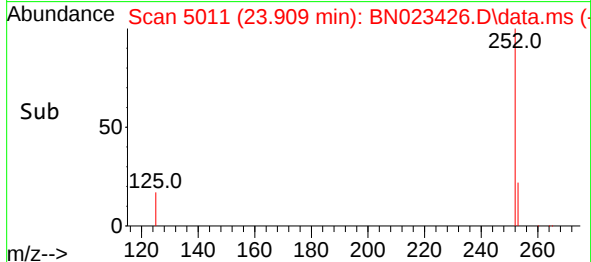
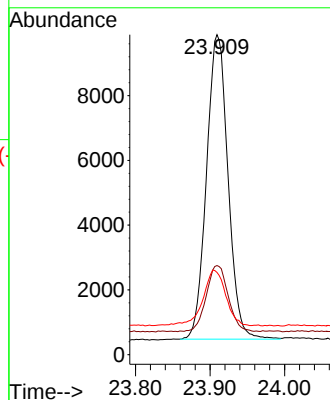
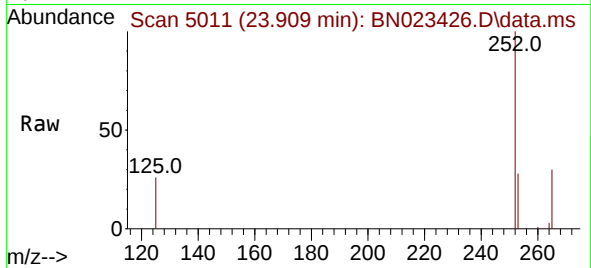




#26
Benzo(a)pyrene
Concen: 0.290 ng/ul
RT: 23.909 min Scan# 5011
Delta R.T. -0.005 min
Lab File: BN023426.D
Acq: 25 Dec 2022 00:25

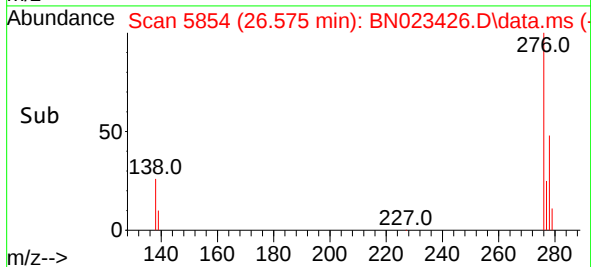
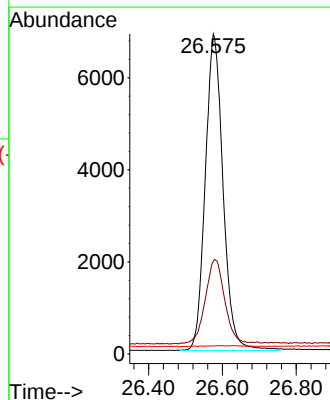
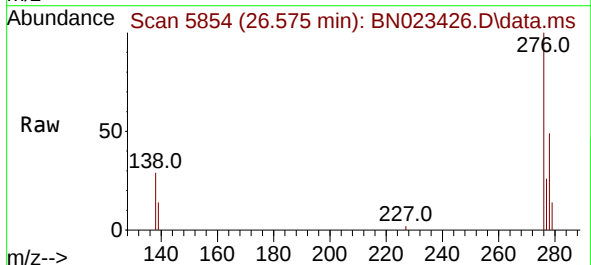
Instrument :
BNA_N
ClientSampleId :

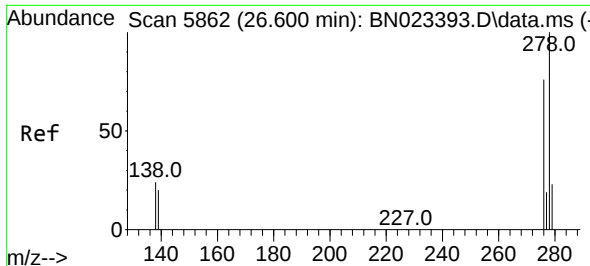
Tgt Ion:252 Resp: 18839
Ion Ratio Lower Upper
252 100
253 27.9 21.4 32.2
125 25.7 16.2 24.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.303 ng/ul
RT: 26.575 min Scan# 5854
Delta R.T. -0.003 min
Lab File: BN023426.D
Acq: 25 Dec 2022 00:25

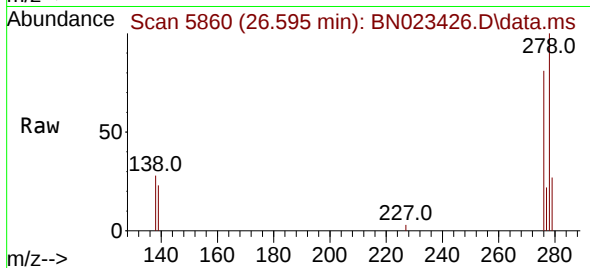
Tgt Ion:276 Resp: 22975
Ion Ratio Lower Upper
276 100
138 29.1 23.4 35.2
227 0.1 0.0 0.0#





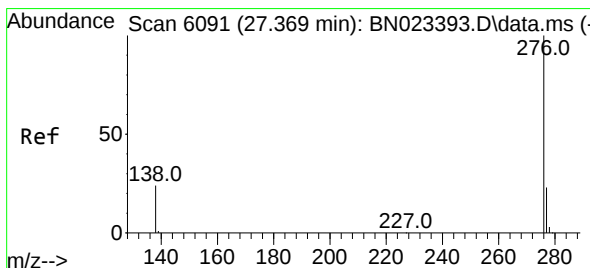
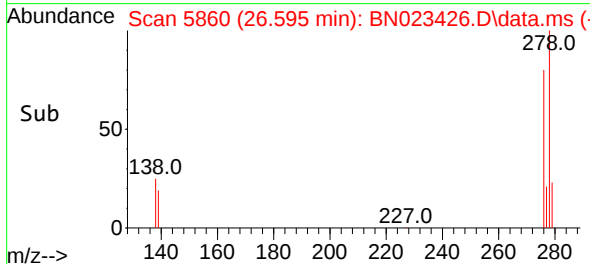
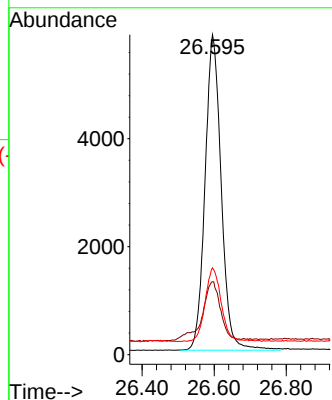
#28
Dibenzo(a,h)anthracene
Concen: 0.310 ng/ul
RT: 26.595 min Scan# 5860
Delta R.T. -0.006 min
Lab File: BN023426.D
Acq: 25 Dec 2022 00:25

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:278 Resp: 18209

Ion	Ratio	Lower	Upper
278	100		
139	22.8	16.6	24.8
279	27.2	21.3	31.9



#29
Benzo(g,h,i)perylene
Concen: 0.308 ng/ul
RT: 27.363 min Scan# 6089
Delta R.T. -0.006 min
Lab File: BN023426.D
Acq: 25 Dec 2022 00:25

Tgt Ion:276 Resp: 19013

Ion	Ratio	Lower	Upper
276	100		
138	28.0	20.3	30.5
277	25.7	19.7	29.5

